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Amherst College

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1899-1906

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CATALOGUE

OF

AMHERST COLLEGE

FOR THE YEAR

1899–1900

AMHERST, MASSACHUSETTS
PUBLISHED BY THE COLLEGE
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1899

JULY

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JUNE

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The College Calendar

1899

September	**21,** THURSDAY,	The Fall Term begins at 8.30 A.M.
October	**5,** THURSDAY,	Holiday (Mountain-day).
November	**29,**	THE THANKSGIVING RECESS: Wednesday, 12.45
December	**1,**	P.M. to Friday, 2 P.M.
	21, THURSDAY,	The Fall Term ends at 12.45 P.M.

The Winter Recess

1900

January	**4,** THURSDAY,	The Winter Term begins at 11.30 A.M.
February	**11,** SUNDAY,	The Day of Prayer for Colleges.
	22, THURSDAY,	Holiday (WASHINGTON'S Birthday).
March	**21,** WEDNESDAY,	The Ladd and Leland Prize Gymnastic Exhibitions.
	29, THURSDAY,	The Winter Term ends at 12.45 P.M.

The Spring Recess

April	**12,** THURSDAY,	The Spring Term begins at 11.30 A.M.
May	**30,** WEDNESDAY,	Holiday (Memorial Day).
June	**21,** THURSDAY,	The First Examinations for Admission begin.
	24, SUNDAY,	The Baccalaureate Sermon.
	25, MONDAY,	The Hardy Prize Debate. The Kellogg Prize Declamations.
	26, TUESDAY,	Class-day. The Hyde Prize Exhibition in Oratory.
	27, WEDNESDAY,	Meeting of the Alumni. Commencement Exercises. Alumni Dinner. The President's Reception.

The Summer Vacation of Twelve Weeks

September	**18,** TUESDAY,	The Second Examinations for Admission begin.
	20, THURSDAY,	The Fall Term begins at 8.30 A.M.
October	— *(day not fixed)*,	Holiday (Mountain-day).
November	**28-30,**	THE THANKSGIVING RECESS: Wednesday, 12.45 P.M. to Friday, 2 P.M.
December	**20,** THURSDAY,	The Fall Term ends at 12.45 P.M.

Organization

AMHERST COLLEGE was first opened September 19, 1821, and forty-seven students were then admitted into the four regular classes. Its charter, received February 21, 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforward be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed and approved by the Governor, April 28, 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni.

The general government of the College is vested in its Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and methods of study, and to make such rules, not conflicting with the judgment of the Trustees, as may be deemed necessary for the best regulation of the College.

The Presidents of the College have been :

Rev. ZEPHANIAH SWIFT MOORE, D.D., 1821–1823.
Rev. HEMAN HUMPHREY, D.D., 1823–1845.
Rev. EDWARD HITCHCOCK, D.D., LL.D., 1845–1854.
Rev. WILLIAM AUGUSTUS STEARNS, D.D., LL.D., 1854–1876.
Rev. JULIUS HAWLEY SEELYE, D.D., LL.D., 1876–1890.
MERRILL EDWARDS GATES, PH.D., LL.D., L.H.D., 1890–1899.
Rev. GEORGE HARRIS, D.D., LL.D., 1899–

The corporate name of the Institution is

"THE TRUSTEES OF AMHERST COLLEGE."

The Corporation

Hon. JOHN E. SANFORD, LL.D., of Taunton, *President.*

Rev. GEORGE HARRIS, D.D., LL.D., of Amherst.

Hon. JOHN S. BRAYTON, LL.D., of Fall River.

G. HENRY WHITCOMB, M.A., of Worcester.

Rev. E. WINCHESTER DONALD, D.D., LL.D., of Boston.

Rev. MICHAEL BURNHAM, D.D., of Saint Louis, Mo.

Rev. WILLIAM HAYES WARD, D.D., LL.D., of New York.

D. WILLIS JAMES, of New York.

Rev. CHARLES H. PARKHURST, D.D., LL.D., of New York.

WALTER M. HOWLAND, Esq., of Chicago, Ill.

Professor WILLISTON WALKER, D.D., of Hartford, Conn.

CHARLES M. PRATT, of Brooklyn, N. Y.

Hon. CHARLES H. ALLEN, M.A., of Lowell.

ARTHUR H. DAKIN, Esq., of Boston.

FRANK N. LOOK, of Florence.

JOSEPH W. FAIRBANKS, Ph.D., *Treasurer.*

Overseers of the Charitable Fund

Rev. John M. Greene, D.D., of Lowell.

M. Fayette Dickinson, Jr., Esq., of Boston.

Professor William B. Graves, of Andover.

John C. Hammond, Esq., of Northampton.

Rev. Robert M. Woods, of Hatfield.

Lewis W. West, of Hadley.

Rev. James W. Bixler, of New London, Conn.

Joseph W. Fairbanks, Ph.D., *Commissioner.*

The Faculty

GEORGE HARRIS, D.D., LL.D.
President of the College.[1]

EDWARD PAYSON CROWELL, D.D.
Moore Professor of the Latin Language and Literature.

EDWARD HITCHCOCK, M.D., LL.D.
Parmly Billings Professor of Hygiene and Physical Education, and Dean of the Faculty.

WILLIAM COLE ESTY, LL.D.[2]
Walker Professor of Mathematics and Astronomy.

ELIJAH PADDOCK HARRIS, PH.D., LL.D.
Professor of Chemistry.

BENJAMIN KENDALL EMERSON, PH.D.
Hitchcock Professor of Mineralogy and Geology.

REV. HEMAN HUMPHREY NEILL, M.A.
Williston Professor of English Literature.

ANSON DANIEL MORSE, LL.D.
Winkley Professor of History.

HENRY BULLARD RICHARDSON, M.A.
Professor of the German Language and Literature.

JOHN MASON TYLER, PH.D.
Stone Professor of Biology.

CHARLES EDWARD GARMAN, D.D.
Professor of Mental and Moral Philosophy.

[1] On the CHESTER W. CHAPIN Endowment.
[2] Absent on leave.

DAVID P. TODD, PH.D.

Professor of Astronomy[1], *Director of the Observatory, and Secretary of the Faculty.*

REV. JOHN FRANKLIN GENUNG, PH.D.

Professor of Rhetoric.

WILLIAM LYMAN COWLES, M.A.

Professor of Latin.

ARTHUR LALANNE KIMBALL, PH.D.

Professor of Physics.

GEORGE DANIEL OLDS, M.A.

Professor of Mathematics.

J. R. SITLINGTON STERRETT, PH.D.

John C. Newton Professor of Greek.

REV. EDWIN AUGUSTUS GROSVENOR, M.A.

Professor of Modern Governments and their Administration.

LEVI HENRY ELWELL, M.A.

Associate Professor of Greek, and Instructor in Sanskrit.

WILLIAM STUART SYMINGTON, PH.D.

Professor of the Romance Languages.

REV. HENRY PRESERVED SMITH, D.D.

Samuel Green Professor of Biblical History and Interpretation, and Associate Pastor of the College Church.

GEORGE BOSWORTH CHURCHILL, PH.D.

Associate Professor of English and Public Speaking.

EPHRAIM LINCOLN WOOD, M.A.

Associate Professor of Latin, and Registrar.

JOSEPH OSGOOD THOMPSON, PH.D.

Associate Professor of Physics.

[1] On the SIDNEY DILLON Fund Endowment.

ARTHUR JOHN HOPKINS, PH.D.

Associate Professor of Chemistry.

JAMES WALTER CROOK, PH.D.

Associate Professor of Political Economy.

PAUL CHRYSOSTOM PHILLIPS, M.D.

Associate Professor of Hygiene and Physical Education.

RICHARD FRANCIS NELLIGAN,

Instructor in Body Building and Field Athletics.

WILLIAM PINGRY BIGELOW, M.A.

Instructor in German and Music.

THOMAS CUSHING ESTY, M.A.

Walker Instructor in Mathematics.

HERBERT PERCIVAL GALLINGER, PH.D.

Instructor in History.

FREDERIC BREWSTER LOOMIS, PH.D.

Instructor in the Biological Laboratory.

FRANK OTIS REED, B.A.

Instructor in French.

CHARLES RALPH FAY, M.A.

Assistant Registrar.

WILLIAM ISAAC FLETCHER, M.A

Otis Librarian.

EVERETT EDWARD THOMPSON, B.A.

Assistant Librarian.

ARTHUR HENRY PIERCE, PH.D.

Rufus B. Kellogg University Fellow and Lecturer.

Committees of the Faculty

Library: The PRESIDENT, Professors CROWELL, ESTY, NEILL, RICHARDSON, GARMAN, TODD, the TREASURER.

Catalogue: The PRESIDENT, Professors HITCHCOCK, TODD, the REGISTRAR.

Entrance Examinations: Professors COWLES, KIMBALL, STERRETT, ELWELL, SYMINGTON, CHURCHILL, WOOD, HOPKINS, Messrs. BIGELOW, T. C. ESTY, GALLINGER.

Admission by Certificate: The PRESIDENT, Professors CROWELL, RICHARDSON, GENUNG, SYMINGTON, CROOK, Mr. LOOMIS, the REGISTRAR.

Special Students: Professors ESTY, TYLER, Mr. GALLINGER, the REGISTRAR.

Curriculum: The PRESIDENT, Professors ESTY, HARRIS, EMERSON, NEILL, MORSE, RICHARDSON, GARMAN, COWLES, KIMBALL, STERRETT, SYMINGTON.

Electives: Professors TYLER, OLDS, the REGISTRAR.

Delinquents: Professors GARMAN, KIMBALL, TYLER, ELWELL.

Beneficiary Aid: The PRESIDENT, Professors HITCHCOCK, TYLER, COWLES, SMITH, the REGISTRAR.

Student Loan Fund: The PRESIDENT, Professor TODD, the TREASURER.

Monitors: The PRESIDENT, Professors Crowell, HITCHCOCK, OLDS, Mr. FAY.

Public Exhibitions: Professors HITCHCOCK, OLDS, CHURCHILL, PHILLIPS, Mr. T. C. ESTY.

Commencement: Professors HITCHCOCK, TODD, CHURCHILL.

Degrees: The PRESIDENT, Professors GENUNG, GROSVENOR.

Preachers and Public Worship: The PRESIDENT, Professors SMITH, GROSVENOR.

Alumni Teachers Exchange: Professors RICHARDSON, TYLER, GARMAN, GENUNG, COWLES, OLDS, the REGISTRAR.

College Preachers, 1898-99

During the last College year there were occasional sermons by members of the Faculty, and the pulpit of the College Church was occupied by each of the following:—

Rev. Arthur Little, D.D., of Boston.
President L. Clark Seelye, D.D., of Northampton.
Rev. Josiah Strong, D.D., of New York.
Rev. Archibald McCullagh, D.D., of Worcester.
Rev. Alexander Mackenzie, D.D., of Cambridge.
Professor George F. Moore, D.D., of Andover.
Rev. Henry E. Cobb, D.D., of New York.
President Charles Cuthbert Hall, D.D., of New York.
Professor M. W. Jacobus, of Hartford, Conn.
Rev. W. H. Davis, D.D., of Newton.
Rev. David J. Burrell, D.D., of New York.
Rev. Frank L. Goodspeed, of Springfield.
Rev. Reuen Thomas, D.D., of Brookline.
Rev. Edward C. Moore, D.D., of Providence, R. I.
Professor Francis Brown, D.D., of New York.
Rev. G. R. Van de Water, D.D., of New York.
Rev. Oliver Huckel, of Baltimore, Md.
Rev. Thomas C. Hall, D.D., of New York.
Rev. Charles H. Parkhurst, D.D., of New York.
Rev. E. Winchester Donald, D.D., of Boston.
Rev. Lyman Abbott, D.D., of Brooklyn, N. Y.
Rev. C. H. Daniels, D.D., of Boston.
Professor Rush Rhees, of Newton Centre.
Rev. W. Merle Smith, D.D., of New York.
Rev. Philip S. Moxom, D.D., of Springfield.
Rev. Albert J. Lyman, D.D., of Brooklyn, N. Y.

The Baccalaureate Sermon, June 25, 1899.

Lecturers

on

College Thought and Public Interests

A friend of Amherst, who withholds his name, has provided for an annual course of lectures by men of prominence, to be open to the College and citizens of Amherst. The fourth course was given in the winter and spring of 1898–99, as follows:—

Professor WILLIAM JAMES, Ph.D., LL.D., of Harvard University.

"What makes our Lives Significant."

Professor GEORGE H. PALMER, LL.D., of Harvard University.

"The Profession of the Teacher."

HASKET DERBY, M.D., of Boston.

"A Visit to the Ancient City of Wisby."

Professor FRANKLIN H. GIDDINGS, PH.D., of Columbia University.

"Expansion and the Future of Republican Government."

Rev. HENRY VAN DYKE, D.D., of Princeton University.

"Robert Browning and his Message to the Nineteenth Century."

Fellows and Resident Graduates

ROBERT MACFARLANE CHAPIN, B.A. (1897), *South Easton, Mass.*
Laboratory Assistant in Chemistry.

CLARENCE EUGENE MERRIAM, B.A. (1899), *West Gardner, Mass.*
Student in French.

RUFUS EDWARD MILES, B.A. (1899), *Worcester, Mass.*
Roswell Dwight Hitchcock Fellow in History.

WELLINGTON HUTCHINSON TINKER, B.A. (1899),
Student in Biblical Literature. *St. Johnsbury, Vt.*

The Senior Class

Walter Stearns Allen,	*Holyoke, Mass.*,	Mr. Baxter Marsh's
Harry Huntington Barnum,	*Amherst, Mass.*,	9 North College
Osmond Jesse Billings,	*Sharon, Mass.*,	Gymnasium
Frank Ellis Boggs,	*Marlboro, Mass.*,	Θ Δ X House
Frank Sherman Bonney,	*Hadley, Mass.*,	Δ K E House
Loriman Percival Brigham,	*Marlboro, Mass.*,	Δ Υ House
Byron Harold Brooks,	*Brooklyn, N. Y.*,	Mr. Blake's
Horace Clay Broughton,	*Philadelphia, Pa.*,	9 Hunt Block
Donald Winchester Brown	*New York, N. Y.*,	Λ Δ Φ House
George Sands Bryan,	*Sherman, Conn.*,	X Ψ Lodge
†Harold Waters Burdon,	*West Newton, Mass.*,	Δ K E House
Charles Edward Butler,	*Northampton, Mass.*,	Λ Δ Φ House
Irving Hobart Childs,	*Northbridge Cen., Mass.*,	Mr. Wallace's
William Endicott Clapp,	*Danvers, Mass.*,	Θ Δ X House
Alden Hyde Clark,	*New York, N. Y.*,	Δ K E House
Edward Tracy Clark,	*Washington, D. C.*,	Θ Δ X House
Edward Scribner Cobb,	*Newton Centre, Mass.*,	Θ Δ X House
James Francis Connor,	*Florence, Mass.*,	1 Hitchcock Hall
Clifford Maxwell Crapo,	*Burlington, Iowa*,	X Ψ Lodge
Edward Payson Davis,	*Northbridge, Mass.*,	Δ Υ House
George Hibbert Driver,	*Wakefield, Mass.*,	Β Θ Π House
Frank Church Dudley,	*Marlboro, Mass.*,	Mrs. C. H. Osgood's
Walter Alden Dyer,	*Springfield, Mass.*,	Φ K Ψ House
Stanwood Edwards Flichtner,	*Englewood, N. J.*,	Ψ Υ House
Albert Barnes Franklin, Jr.,	*Melrose, Mass.*,	Δ K E House
William Torrey Gamage,	*Gloucester, Mass.*,	X Ψ Lodge
Harold Clarke Goddard,	*Worcester, Mass.*,	Λ Δ Φ House
Charles Lewis Gomph,	*Albany, N. Y.*,	Mr. Shores's
Robert Lyman Grant,	*Westfield, Mass.*,	Λ Δ Φ House
Everett Edward Green,	*Spencer, Mass.*,	Δ Υ House
Albert Leroy Halford,	*Ludlow, Mass.*,	X Φ House
Thomas Jasper Hammond,	*Northampton, Mass*	Ψ Υ House
Warren Follansbee Hardy,	*Billerica, Mass.*,	Mr. Moon's
Edwin Lucius Harris,	*South Deerfield, Mass.*,	Mr. Ray's
Frank Park Harris,	*Amherst, Mass.*,	Professor Harris's
William Webster Hiscox,	*Westerly, R. I.*,	Δ K E House
Lew Crescens Hubbard,	*Sivas, Turkey*,	Mrs. R. G. Williams's
Ray Spencer Hubbard,	*Sivas, Turkey*,	Gymnasium
Dewey Holden Hurd,	*Mannsville, N. Y.*,	Φ Δ Θ House
Richard Byron Hussey,	*Reading, Mass.*,	28 North College
John Albert Choate Jansen,	*Brooklyn, N. Y.*,	Ψ Υ House

† Not a candidate for a degree.

Philip Adams Job,	*South Walpole, Mass.*,	Φ K Ψ House
Everett Augustus Jones,	*Brockton, Mass.*,	X Φ House
Cleaveland Cady Kimball,	*New York, N. Y.*,	Λ Δ Φ House
Howard Stinson Kinney,	*Easton, Pa.*,	Ψ Υ House
Fred Harlen Klaer,	*Milford, Pa.*,	Φ Δ Θ House
Lawrence Firmin Ladd,	*Springfield, Mass.*,	Φ K Ψ House
Herbert Knowlton Larkin,	*Worcester, Mass.*,	Mrs. C. H. Osgood's
Theodore Storrs Lee,	*Springfield, Mass.*,	D North College
Arthur Vinton Lyall,	*New York, N. Y.*,	X Φ House
Charles Brown MacDuffee,	*Charleston S.C., N. Y.*,	Phys. Laboratory
Hamilton Griswold Merrill,	*Andover, Mass.*,	13 North College
Frank Arthur Morris,	*Monson, Mass.*,	Θ Δ X House
Bernard Leonard Paine,	*West Newton, Mass.*,	Ψ Υ House
Thomas Valentine Parker,	*Brooklyn, N. Y.*,	Φ K Ψ House
William Moses Pollard,	*New Braintree, Mass.*,	Mr. Shores's
Chester Mayo Pratt,	*North Middleboro, Mass.*,	Θ Δ X House
Harold Irving Pratt,	*Brooklyn, N. Y.*,	Λ Δ Φ House
Theodore Ellis Ramsdell,	*Housatonic, Mass.*,	X Φ House
James Drew Regan,	*Northampton, Mass.*,	Mr. Morgan's
Walter Leisenring Righter,	*Mt. Carmel, Pa.*,	Ψ Υ House
Henry Kellogg Robinson,	*Worcester, Mass.*,	Λ Δ Φ House
Samuel Durham Royse,	*Terre Haute, Ind.*,	Δ K E House
Alfred John Sadler,	*Drybrook, England*,	Physical Laboratory
Christopher St. Clare,	*New London, Conn.*,	B Θ Π House
Robert Pelton Sibley,	*Westfield, Mass.*,	Mr. Shores's
Arthur Porter Simmons,	*Utica, N. Y.*,	B Θ Π House
George Putnam Sumner,	*Abington, Conn.*,	Δ Υ House
Winfield Alphy Thompson	*Winchester, N. H.*,	Mrs. O. G. Morse's
Edwin St. John Ward,	*Amherst, Mass.*,	Mrs. L. A. Ward's
Stuart Wilder Wells,	*Jamestown, No. Dak.*,	Ψ Υ House
David Whitcomb,	*Worcester, Mass.*,	Mr. Blake's
Ernest Hatch Wilkins,	*Boston, Mass.*,	Δ K E House
Frederick Pentz Young,	*Brooklyn, N. Y.*,	X Ψ Lodge

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The Junior Class

James Trumbull Abbott,	*Northampton, Mass.*,	Β Θ Π House
John P. Adams,	*Brooklyn, N. Y.*,	Χ Ψ Lodge
William Brooks Baker,	*Danvers, Mass.*,	Θ Δ Χ House
Will Darling Ballantine,	*Bombay, India*,	Θ Δ Χ House
Francis Goodell Barnum,	*Harpoot, Turkey*,	Θ Δ Χ House
George Miller Bartlett,	*Stamford, Conn.*,	Δ Υ House
Leonard Walter Bates,	*Brooklyn, N. Y.*,	Ψ Υ House
Howard Francis Bidwell,	*South Manchester, Conn.*,	Δ Υ House
Maitland Lathrop Bishop,	*New York, N. Y.*,	Λ Δ Φ House
Edwin Cushman Buffum,	*Winchester, N. H.*,	Δ Κ Ε House
Frank William Burrows,	*Andover, N. Y.*,	Δ Κ Ε House
Morris Bradford Butler,	*Brooklyn, N. Y.*,	Ψ Υ House
Charles Chambers,	*Brooklyn, N. Y.*,	Β Θ Π House
William Minott Clark,	*Elizabeth, N. J.*,	Χ Φ House
Harry Howard Clutia,	*Amherst, Mass.*,	Mr. Clutia's
Arthur Rockwell Couch,	*Hartford, Conn.*,	Φ Δ Θ House
Clare J. Crary,	*Sheffield, Pa.*,	Φ Δ Θ House
John James Danahey,	*Amherst, Mass.*,	Mrs. Danahey's
John Elliot Denham,	*Westboro, Mass.*,	Φ Δ Θ House
Rowland Backus Dodge,	*Worcester, Mass.*,	Λ Δ Φ House
Henry Keyes Eastman,	*Framingham, Mass.*,	Β Θ Π House
Harvey Johnson Elam,	*Indianapolis, Ind.*,	Χ Ψ Lodge
Noble Strong Elderkin, Jr.,	*Chicago, Ill.*,	Χ Φ House
George Bell Ennever,	*New York, N. Y.*,	Φ Δ Θ House
Willard Winthrop Everett,	*Norwood, Mass.*,	Δ Υ House
Maurice Lawrence Farrell,	*Cortland, N. Y.*,	Λ Δ Φ House
Edwin Fayette Field,	*Worcester, Mass.*,	Mr. Shores's
Jeremiah Francis Ganey,	*Salem, Mass.*,	Δ Υ House
Harry Williams Gladwin,	*Westfield, Mass.*,	Gymnasium
William Goodell,	*Amherst, Mass.*,	President Goodell's
Nathaniel Lewis Goodrich,	*Utica, N. Y.*,	Β Θ Π House
†Louis Newton Grant,	*Goldsboro, N. C.*,	Mr. Bartlett's
Andrew Foster Hamilton,	*Athol, Mass.*,	Φ Δ Θ House
Bryant Mower Harroun,	*Mansfield, Ohio*,	Mr. Baxter Marsh's
William Smith Hatch,	*West Newton, Mass.*,	Θ Δ Χ House
Edwin Chester Hawley,	*Amherst, Mass.*,	Rev. Mr. Hawley's
Ralph Chipman Hawley,	*Amherst, Mass.*,	Rev. Mr. Hawley's
John Rutherford Herrick,	*Peekskill, N. Y.*,	Ψ Υ House
Herbert Pierrepont Houghton,	*Stamford, Conn.*,	Mr. Couch's
Albert Weeks Hunt,	*Auburndale, Mass.*,	Θ Δ Χ House
Gilbert Johnson Hurty,	*Indianapolis, Ind.*,	Χ Ψ Lodge

† Not a candidate for a degree.

George David Jenifer,	*Baltimore, Md.*,	C South College
Harry Marsh Kittredge,	*Fishkill-on-Hudson, N. Y.*,	Δ K E House
Aubrey Constantine Kretschmar,	*Philadelphia, Pa.*,	Mr. Enos Baker's
Frederick Klemm Kretschmar,	*Philadelphia, Pa.*,	Mr. Enos Baker's
William Whitfield Lamb,	*Ransomville, N. Y.*,	Library
Walter Cook Longstreth,	*Philadelphia, Pa.*,	Φ K Ψ House
Charles Nelson Lovell,	*Greenfield, Mass.*,	Mr. Falconer's
George Herbert McIlvaine,	*Peoria, Ill.*,	Δ Δ Φ House
John Allen Marsh,	*New Milford, Conn.*,	Φ Δ Θ House
Charles Engley Mathews,	*South Framingham, Mass.*,	B Θ Π House
Oliver Edward Merrell,	*Syracuse, N. Y.*,	Δ K E House
Harry Adams Miller,	*North Adams, Mass.*,	X Ψ Lodge
Harry Burnett Miller,	*South Hadley, Mass.*,	Δ Υ House
Harry Brainerd Mitchell,	*Brooklyn, N. Y.*,	Mr. Baxter Marsh's
Frederick Franklin Moon,	*Amherst, Mass.*,	Mr. Moon's
Henry Samuel Moore,	*Walton, N. Y.*,	Ψ Υ House
Harry Van Deventer Moore,	*New York, N. Y.*,	Ψ Υ House
Charles Lewis Morse,	*Brooklyn, N. Y.*,	Δ Δ Φ House
Henry Clinton Newell,	*Three Rivers, Mass.*,	Mr. Long's
Edwin Satterthwait Parry,	*Jenkintown, Pa.*,	Ψ Υ House
Charles Horace Pattee,	*Dorchester, Mass.*,	B Θ Π House
Ernest Williams Pelton,	*Poughkeepsie, N. Y.*,	X Ψ Lodge
John Frank Phillips,	*Brooklyn, N. Y.*,	Δ Δ Φ House
Thomas Melville Proctor,	*Wrentham, Mass.*,	Φ Γ Δ House
Charles Edward Robertson,	*New Milford, Conn.*,	X Ψ Lodge
Loren Henry Rockwell,	*Jordan, N. Y.*,	Φ K Ψ House
William Riley Rushmore,	*Plainfield, N. J.*,	Δ Δ Φ House
Estes Burnett Sanford,	*Belchertown, Mass.*,	Δ Υ House
Edward Church Smith,	*Brooklyn, N. Y.*,	7 South College
Preserved Smith,	*Amherst, Mass.*,	Professor Smith's
Alfred Willard Southgate,	*Worcester, Mass.*,	Φ Γ Δ House
Ralph Mossman Stoughton,	*Turner's Falls, Mass.*,	Δ K E House
Walter Francis Stutz,	*Albany, N. Y.*,	Whitridge Hall
Guy Frederick Swinington,	*Rutland, Vt.*,	Δ Υ House
Eastwood Pillsbury Thompson,	*Northampton, Mass.*,	B Θ Π House
Arthur Whittlesey Towne,	*Amherst, Mass.*,	Mrs. Towne's
John Leonard Vanderbilt,	*Brooklyn, N. Y.*,	Δ Δ Φ House
Frank Edward Wade,	*Brooklyn, N. Y.*,	Φ K Ψ House
Stuart Walker,	*Boston, Mass.*,	Δ K E House
Joseph Warner,	*Northampton, Mass.*,	Ψ Υ House
Albert Leisenring Watson,	*Scranton, Pa.*,	Ψ Υ House
Reuben Field Wells,	*Hatfield, Mass.*,	Φ Γ Δ House
Elmer Wesley Wiggins,	*Warsaw, N. Y.*,	Gymnasium

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The Sophomore Class

Fred Harold Allen,	*Holyoke, Mass.*,	Mr. Baxter Marsh's
Charles William Anderson,	*Upper Montclair, N. J.*,	Θ Δ X House
Wilber Ambrose Anderson,	*Portland, Me.*,	14 South College
Stanley Baker,	*New York, N. Y.*,	5 North College
Raymond Ballantine,	*Andes, N. Y.*,	25 North College
Harry Clark Barber,	*Windsor, Conn.*,	32 North College
Silas Dewey Barber,	*Plattsburg, N. Y.*,	Θ Δ X House
James Daniel Beard,	*Shelton, Conn.*,	19 South College
Hermon Fiske Bell,	*Bristol, R. I.*,	Mr. Edwards's
Gordon Berry,	*Worcester, Mass.*,	21 North College
†William Holden Best,	*Chicago, Ill.*,	Φ K Ψ House
Kellogg Birdseye,	*Yonkers, N. Y.*,	X Ψ Lodge
Percy Wilson Blanchard,	*Danvers, Mass.*,	19 North College
Harold Hill Blossom,	*Brooklyn, N. Y.*,	Δ Δ Φ House
Frank Learoyd Boyden,	*Foxboro, Mass.*,	C North College
Lewis Gillingham Brearley,	*Lawrenceville, N. J.*,	18 South College
Harold Sidney Brewster,	*Northampton, Mass.*,	B Θ Π House
Frank Lewis Briggs,	*Attleboro, Mass.*,	Φ Δ Θ House
Russell Christopher Brown,	*Holyoke, Mass.*,	Mrs. Sullivan's
Walter Thornton Bryant,	*Chicopee, Mass.*,	Θ Δ X House
Frank Howell Bulley,	*Brooklyn, N. Y.*,	Δ K E House
Warren Judson Burke,	*Freedom, N. H.*,	5 South College
Theodore Ellsworth Burnett,	*Chittenango, N. Y.*,	Δ K E House
Prentiss Carnell,	*Albany, N. Y.*,	Whitridge Hall
Standish Chard,	*New York, N. Y.*,	Δ Δ Φ House
George Carpenter Clancy,	*Gilead, Conn.*,	32 North College
Ellery Carroll Clapp,	*Northampton, Mass.*,	Miss Robison's
Almond Lucian Clark,	*Cortland, N. Y.*,	Δ K E House
Robert James Cleeland,	*Springfield, Mass.*,	X Φ House
Clinton Henry Collester,	*Gardner, Mass.*,	Φ K Ψ House
Elmer Thomas Connell,	*Portland, Ore.*,	Mr. Lindsay's
Frank Adelbert Cook,	*Dudley, Mass.*,	Φ K Ψ House
Philip Russell Cook,	*Le Raysville, Pa.*,	Δ Υ House
Frederick Bowen Cross,	*Springfield, Mass.*,	Φ K Ψ House
Ralph Prindall Cunningham,	*Gloucester, Mass.*,	Φ Δ Θ House
Charles Henry Dayton,	*Greenwich, Conn.*,	10 North College
Arthur Wilson Dennen,	*Gloucester, Mass.*,	Φ Δ Θ House
James Dugan,	*Ware, Mass.*,	Mrs Sullivan's
John Eastman,	*Framingham, Mass.*,	Γ Ε Π House
Arthur Fairbanks Ells,	*Waterbury, Conn.*,	Δ Δ Φ House
Carlton Prescott Fairbanks,	*Williamson, N. Y.*,	Miss Scott's

† Not a candidate for a degree.

Grant Ford,	*Lowell, Mass.*,	Δ K E House
James Levin Ford, Jr.,	*St. Louis, Mo.*,	16 North College
John Henry Frizzell,	*Easthampton, Mass.*,	Φ K Ψ House
Howard Brown Gibbs,	*Marathon, N. Y.*,	B North College
Henry William Giese,	*Brooklyn, N. Y.*,	A Δ Φ House
Thomas Bernard Gilpin,	*Digby, N. S.*,	Mr. Edwards's
Herbert Holmes Gold,	*Amherst, Mass.*,	Mr. Gold's
Louis Rowell Herrick,	*Westfield, Mass.*,	19 South College
Horace Flavel Holton,	*Springfield, Mass.*,	X Φ House
Samuel Walter Hoyt,	*Portsmouth, N. H.*,	16 South College
Perley Charles Hyde,	*Holyoke, Mass.*,	Φ Γ Δ House
Isaac Hampshur Jones,	*Philadelphia, Pa.*,	12 North College
Elmer Schofield Keay,	*Indianapolis, Ind.*,	X Ψ Lodge
David Homer Keedy,	*Rohrersville, Md.*,	Φ Δ Θ House
Eldon Bradford Keith,	*Brockton, Mass.*,	X Φ House
†Ralph Porter Kent,	*Attleboro, Mass.*,	B Θ Π House
Samuel Bowles King,	*Winnetka, Ill.*,	Φ Δ Θ House
Walter Cogswell King,	*Gloucester, Mass.*,	Φ Δ Θ House
Robert Ripley Lane,	*Springfield, Mass.*,	Mrs. Pope's
Harry Richmond Leonard,	*Northampton, Mass.*,	B Θ Π House
James Archibald Livingston,	*Jacksonville, Fla.*,	Δ K E House
Ernest Culver Lum,	*Chatham, N. J.*,	Φ K Ψ House
Samuel Copp McCluney,	*St. Louis, Mo.*,	16 North College
James Francis McManus,	*Ware, Mass.*,	Mrs. Sullivan's
Andrew Magill,	*Whitinsville, Mass.*,	Mr. Cooley's
Henry Lascelles Maxwell,	*Brooklyn, N. Y.*,	A Δ Φ House
Robert Washburn Maynard,	*Newport, R. I.*,	A Δ Φ House
Robert Spencer Moore,	*Lafayette, Ind.*,	Ψ Υ House
Anson Ely Morse,	*Amherst, Mass.*,	Professor Morse's
James Augustus Nelson,	*Brooklyn, N. Y.*,	A Δ Φ House
John Nash Ott,	*Chicago, Ill.*,	Mr. Houghton's
Franklin Barber Pease,	*Portland, Me.*,	Δ Υ House
Nathan Carleton Phillips,	*Gloucester, Mass.*,	Φ Δ Θ House
Robert Stanley Phillips,	*Amherst, Mass.*,	Mr. Phillips's
Jason Noble Pierce,	*Campello, Mass.*,	X Φ House
William Sanford Piper,	*Worcester, Mass.*,	Δ Υ House
Theodore Barnet Plimpton,	*Newton Centre, Mass.*,	15 North College
Franklin Leonard Wainwright Pope,	*Amherst, Mass.*,	Mrs. Pope's
Henry Denison Randall,	*Groton, Conn.*,	Δ Υ House
William Reid,	*Paxton, Mass.*,	Δ Υ House
Manton Russell Sedgwick,	*Lenox, Mass.*,	18 South College
Harwood Allan Sheppard,	*Boston, Mass.*,	B Θ Π House
David Nelson Skillings, Jr.,	*Winchester, Mass.*,	X Φ House
James Whittemore Smith,	*Leicester, Mass.*,	Φ Δ Θ House
Wilson Snushall,	*Scipioville, N. Y.*,	Mr. Cobb's
Harold Parker Stevens,	*Hartford, Conn.*,	B Θ Π House
Meredith Newcomb Stiles,	*Stonington, Conn.*,	14 South College
Sylvan Myron Stocking,	*Canton, N. Y.*,	5 South College

†Not a candidate for a degree.

William Henry Swift, Jr.,	*Honesdale, Pa.*,	Δ Υ House
Harry Blake Taplin,	*Melrose Highlands, Mass.*,	Β Θ Π House
Godfrey Van Duzer Titsworth,	*Milwaukee, Wis.*,	Χ Ψ Lodge
Wilmot Vivian Trevoy,	*Gloucester, Mass.*,	Φ Δ Ο House
Matthew van Siclen,	*New York, N. Y.*,	Α Δ Φ House
Paul Alfred Waters,	*West Newton, Mass.*,	12 North College
Elisha Edward Wells,	*Hatfield, Mass.*,	Φ Γ Δ House
John Mason Wells,	*Palmer, Mass.*,	Professor Wood's
John Francis White,	*Wakefield, Mass.*,	Β Θ Π House
Ralph Thomas Whitelaw,	*St. Louis, Mo.*,	15 North College
Richard Solomon Williams,	*Glastonbury, Conn.*,	21 North College
Eugene Smith Wilson,	*Brooklyn, N. Y.*,	10 North College
Dwight Larcom Woodberry,	*West Newton, Mass.*,	Δ Υ House
Charles Alexander Woodward,	*Wakefield, Mass.*,	16 North College
John Hitchnor Young,	*Upper Montclair, N. J.*,	16 South College

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The Freshman Class

John Phillip Anshutz,	*Cincinnati, Ohio,*	Φ Γ Δ House
Alfred Lincoln Armsby,	*Millbury, Mass.,*	Mr. Rawson's
Albert William Atwood,	*Fredonia, N. Y.,*	A South College
Frederick William Baeslack,	*Fitchburg, Mass.,*	6 South College
Arthur George Baker,	*Chicopee, Mass.,*	1 North College
Draper Cooke Bartlett,	*Chicago, Ill.,*	5 Hitchcock Hall
Edmund Chandler Beach,	*Riverside, Ill.,*	Mr. Couch's
Robert Walter Bell, Jr.,	*Brooklyn, N. Y.,*	31 South College
Byard Wilmarth Bennett,	*East Orange, N. J.,*	Mr. Lindsay's
James Harrington Biram,	*Hull, Mass.,*	3 North College
Arthur Blackmore Birge,	*St. Louis, Mo.,*	6 North College
Frederic King Bixby,	*Woburn, Mass.,*	Miss Scott's
Gouverneur Hammeken Boyer,	*Pottsville, Pa.,*	Mrs. Kimball's
James McVickar Breed,	*Malone, N. Y.,*	Mr. Couch's
John Louis Brooks,	*Montpelier, Vt.,*	Δ K E House
Frederic Charles Brown,	*Buffalo, N. Y.,*	25 South College
Glidden Bryant,	*Newcastle, Me.,*	Δ Υ House
George Wilshear Bulley,	*Brooklyn, N. Y.,*	Mr. Houghton's
Henry Langworthy Burdick,	*Westerly, R. I.,*	Mr. Edwards's
Chester Edward Burg,	*St. Louis, Mo.,*	6 North College
Thomas Francis Burke,	*Holyoke, Mass.,*	20 North College
Louis Edouard Cadieux,	*Holyoke, Mass.,*	20 North College
James Richmond Childs,	*Northbridge Cen., Mass.,*	Mr. Wallace's
Edward Kissam Clark, Jr.,	*Binghamton, N. Y.,*	1 North College
William Francis Conant,	*Littleton, Mass.,*	Mr. Rawson's
George Edward Cornwell,	*Lunenburg, Mass.,*	17 North College
Arthur Alden Cushing,	*Brookline, Mass.,*	21 South College
Arthur Burlingame Darby,	*North Adams, Mass.,*	A Δ Φ House
Joseph Cressy DeWolf,	*Lyme, Conn.,*	Dr. Paige's
Charles Corydon Ellsworth,	*Millerton, N. Y.,*	19 North College
Alexander Cantlay Ewen,	*Franklin, Mass.,*	8 South College
Alpheus Hoyt Favour,	*Natick, Mass.,*	3 South College
Frederick Alfred Field, Jr.,	*Rutland, Vt.,*	10 South College
Elisha Lynn Fisher,	*Oneonta, N. Y.,*	Professor Crook's
Arthur Trow Foster,	*Beverly, Mass.,*	15 South College
Jesse Edward Foster,	*Somersville, Conn.,*	Dr. Henshaw's
Thomas Gardner Getchell,	*Machias, Me.,*	Mr. Rawson's
Aaron Treadwell Gould,	*Bayonne, N. J.,*	Whitridge Hall
Henry Black Gould,	*Southport, Conn.,*	19 Amherst House
Harold Frederick Greene,	*Newton, Mass.,*	Mr. Baxter Marsh's
Clyde Tyler Griswold,	*Cortland, N. Y.,*	1 Hitchcock Hall

Louis William Guhlstorf,	*Michigan City, Ind.*,	3 North College
Roland Shaw Haradon,	*Brooklyn, N. Y.*,	2 South College
Edgar Drury Hardy,	*Billerica, Mass.*,	Mr. Moon's
Sam Higginbottom,	*Llandudno, North Wales*,	6 South College
Robert Dudley Hildreth,	*Westfield, Mass.*,	22 South College
Walter Almerian Hildreth,	*Pomfret Centre, Conn.*,	Mrs. O. G. Morse's
John Mustapha Hinds,	*Cortland, N. Y.*,	1 Hitchcock Hall
Rowland Mather Homer,	*St. Louis, Mo.*,	Whitridge Hall
Richard Clinton Jacobs,	*Amherst, Mass.*,	25 South College
Fred Rinaldo Johnson, Jr.,	*Worcester, Mass.*,	3 Hitchcock Hall
Herman Norton Johnson,	*Binghamton, N. Y.*,	25 South College
Lester Gurney Johnson,	*Natick, Mass.*,	26 North College
Joseph Alfred Jones,	*Long Branch, N. J.*,	Mr. Bartlett's
Raymond Watson Jones,	*Rensselaer, N. Y.*,	29 North College
Ray Barr Kauffman,	*Des Moines, Iowa*,	Whitridge Hall
LeRoy James Lancey,	*Lunenburg, Mass.*,	17 North College
William Henry Leary,	*Hatfield, Mass.*,	17 South College
Frank Otis Legro, Jr.,	*Danvers Centre, Mass.*,	2 South College
Clarence Arthur Lincoln,	*Trenton, Neb.*,	9 South College
Edward George Longman,	*Brooklyn, N. Y.*,	27 South College
Ernest Palmer Lowe,	*Fitchburg, Mass.*,	Mr. Charles White's
William Robinson Lyman,	*Cummington, Mass.*,	Mrs. Kimball's
James McCluney,	*St. Louis, Mo.*,	8 North College
†Samuel Thomas Maddox, Jr.,	*Brooklyn, N. Y.*,	Mr. Houghton's
John Phillip Maloney,	*Northampton, Mass.*,	17 South College
William Conant Morgan,	*Plainfield, N. J.*,	4 North College
Allan Lloyd Morton,	*Holyoke, Mass.*,	Mr. Harlow's
James Maxwell Murdock,	*Woburn, Mass.*,	Miss Scott's
Kenneth Rouse Otis,	*Brooklyn, N. Y.*,	26 South College
James Williams Park,	*Walden, N. Y.*,	Professor Crook's
Charles Colin Patrick,	*Des Moines, Iowa*,	Whitridge Hall
George Neill Patrick,	*Brooklyn, N. Y.*,	32 South College
Paul Stephen Phalen,	*Worcester, Mass.*,	29 North College
Aubrey Potter,	*Omaha, Neb.*,	X Ψ Lodge
William Jay Pratt, Jr.,	*Des Moines, Iowa*,	Whitridge Hall
Tom DeWitt Priddy,	*Findlay, Ohio*,	Mr. Baxter Marsh's
Marcus Arnold Rhodes,	*Taunton, Mass.*,	21 South College
Raymond Fonda Riddell,	*Omaha, Neb.*,	30 South College
Thaddeus Weed Riker,	*Stamford, Conn.*,	Mr. Couch's
James Smith Robson,	*Lisbon Centre, N. Y.*,	8 South College
Gilbert Haven Roehrig,	*Pottsville, Pa.*,	Mr. Baxter Marsh's
Theodore Waldemar Seckendorff,	*Washington, D. C.*,	Mr. Rawson's
John Sharpe,	*Dundee, Scotland*,	30 North College
Frederick William Shearer,	*Holyoke, Mass.*,	30 North College
Charles Thomas Gray Smith,	*Sidney, N. Y.*,	College Dining Hall
Irving Sobotky,	*Northampton, Mass.*,	22 North College
Foster Waterman Stearns,	*Newton, Mass.*,	Mr. Lindsay's
Maurice Harrison Stearns,	*New York, N. Y.*,	Whitridge Hall

† Not a candidate for a degree.

John Howard Stevens,	*Worcester, Mass.*,	8 Hitchcock Hall
Frederic Nathaniel Stone,	*Auburn, Mass.*,	3 Hitchcock Hall
Frederick Spence Tay,	*Salem, Mass.*,	Mrs. Cutler's
Donald Graves Tead,	*Somerville, Mass.*,	11 South College
Stanley Hovey Tead,	*Somerville, Mass.*,	11 South College
Abner Thorp, Jr.,	*Cincinnati, Ohio*,	Mr. Rawson's
Harold Abbott Varnum,	*Lowell, Mass.*,	Mrs. C. H. Osgood's
Clifford Porter Warren,	*Springfield, Mass.*,	B South College
Walter Rice Washburn,	*Springfield, Mass.*,	Mr. Bartlett's
Stanley Nathan Whitney,	*So. Westminster, Mass.*,	Mr. Chas. White's
Dwight Oscar Winsor,	*Marshall, Mich.*,	Mr. Lindsay's
Harold Gregory Withum,	*Marblehead, Mass.*,	12 South College
James Cathcart Young,	*North Shields, England*,	6 South College

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Summary

Fellows and Resident Graduates	4
Seniors	74
Juniors	84
Sophomores	104
Freshmen	102
Total	368

CLASSIFICATION BY RESIDENCE

The United States:—

Massachusetts	175
New York	79
Connecticut	23
Pennsylvania	15
New Jersey	10
Illinois	7
Missouri	7
Indiana	6
Iowa	4
Maine	4
New Hampshire	4
Ohio	4
Rhode Island	4
Vermont	4
Nebraska	3
District of Columbia	2
Maryland	2
Florida	1
Michigan	1
North Carolina	1
North Dakota	1
Oregon	1
Wisconsin	1
	359

Other Countries:—

Turkey	3
England	2
India	1
North Wales	1
Nova Scotia	1
Scotland	1
	368

Degrees Conferred in 1899

Degrees in Course

BACHELORS OF ARTS

(*Magna cum laude*)

Albert Elmer Austin,	*Medway, Mass.*
Edwin Miller Brooks,	*Mt. Vernon, N. Y.*
Raymond Smith Dugan,	*Montague, Mass.*
Rufus Edward Miles,	*Worcester, Mass.*
William Jesse Newlin,	*Port Carbon, Pa.*
Edward Bartlett Nitchie,	*Brooklyn, N. Y.*
Frank Otis Reed	*Southbridge, Mass.*
Everett Edward Thompson,	*Springfield, Mass.*

(*Cum laude*)

Charles Whittlesey Atkinson,	*Kobe, Japan.*
Frederick Huntington Atwood,	*Amherst, Mass.*
Joseph Wilson Barr,	*Oil City, Pa.*
Ralph Walton Botham,	*Putnam, Conn.*
Merrill Holcomb Browne,	*Milton, Mass.*
Charles Henry Cobb,	*Florence, Mass.*
Edwin Arthur Colton,	*Montpelier, Vt.*
John Corsa,	*Washington, D. C.*
Rufus Porter Eastman,	*Framingham, Mass.*
George Andrew Elvins,	*Hammonton, N. J.*
Thomas Grinnell Flaherty,	*Massena, N. Y.*
Edward Dickinson Gaylord,	*North Amherst, Mass.*
Chester Metcalf Grover,	*Arlington, Mass.*
Arthur Haviland,	*Catskill, N. Y.*
Edward Wilcox Hitchcock,	*Kalamazoo, Mich.*
Henry Talbot Hutchins,	*Worcester, Mass.*
Edward Adelbert Keith,	*Corona, Cal.*
Henry Plimpton Kendall,	*Walpole, Mass.*
Charles Edwin Lamson,	*Hartford, Conn.*
Clarence Eugene Merriam,	*West Gardner, Mass.*
Clement Fessenden Merrill,	*New York, N. Y.*
William Fessenden Merrill,	*Scarborough, Me.*
Robert Talbot Miller, Jr.,	*Covington, Ky.*
Charles Edwin Mitchell,	*Chelsea, Mass.*

Emery Bemsley Pottle,	*Naples, N. Y.*
Frederick Wingate Raymond,	*East Weymouth, Mass.*
Rodney Wiley Roundy,	*Rockingham, Vt.*
Arthur Reed Taft,	*Worcester, Mass.*
Wellington Hutchinson Tinker,	*St. Johnsbury, Vt.*
Paul Theodore Bliss Ward,	*Amherst, Mass.*
Frederick Francis Williams,	*Fitchburg, Mass.*
Leonard Wing,	*Ashfield, Mass.*

(*Rite*)

Fred Thomas Bedford, 2d,	*Brooklyn, N. Y.*
Carl Marble Blair,	*Warren, Mass.*
Harry Albert Bullock,	*Haverhill, Mass.*
Frederick Norman Dewar,	*Chicago, Ill.*
Charles Irwin DeWitt,	*Montclair, N. J.*
Edward Hopkins Emerson,	*Amherst, Mass.*
Festus Harvey Foster, Jr.,	*Springfield, Mass.*
Henry Richardson French,	*Lynn, Mass.*
Paul Putnam Gaylord,	*Cleveland, Ohio.*
Walter Hodges Gilpatric,	*Putnam, Conn.*
James Chapman Graves, Jr.,	*Marblehead, Mass.*
Walter Henry Griffin,	*Brooklyn, N. Y.*
Frank Mason Howe,	*Webster, Mass.*
George Allen Howe,	*Lewiston, Me.*
Burges Johnson,	*Chicago, Ill.*
John Holbrook Marriott,	*Springfield, Mass.*
Lewis Charles Merrell,	*Syracuse, N. Y.*
George William Moore,	*Oil City, Pa.*
Arthur Curtis Morse,	*Norwood, Mass.*
James Augustine Shea,	*Willimantic, Conn.*
Robert Chester Smith,	*Amherst, Mass.*
Ralph Waldo Smith,	*Philadelphia, Pa.*
Henry John Storrs,	*South Boston, Mass.*
Albert Morse Walker,	*Stafford Springs, Conn.*
Herbert Porter Whitney,	*Toledo, Ohio.*
Lucius Dudley Wilcox,	*Bergen, N. Y.*
Park Tucker Winslow,	*Amherst, Mass.*
Claudius Curtiss Woodworth,	*Buffalo, N. Y.*

BACHELORS OF SCIENCE

(*Magna cum laude*)

Harry Brooks Marsh,	*Springfield, Mass.*

(*Cum laude*)

Roswell Foulk Phelps,	*Amherst, Mass.*
Albert Roberts,	*Amherst, Mass.*

(*Rite*)

Edward Orne Damon, Jr.,	*Northampton, Mass.*
Ralph Eliot Hatch,	*West Newton, Mass.*
Alfred Collard Henderson,	*Brooklyn, N. Y.*
Henry Kirke White Kellogg,	*Amherst, Mass.*
William Harding King, Jr.,	*Winnetka, Ill.*
Hubert McCullock Messinger,	*Highland Park, Ill.*
Frank Brewer Orvis,	*Pontiac, Mich.*
Ralph Bissell Redfern,	*Winchester, Mass.*
James William Russell, Jr.,	*Winchester, Mass.*
Archibald Hall Sharp,	*Brooklyn, N. Y.*
Edward Donald Tolles,	*Attica, N. Y.*
Charles Warner Walker,	*Northampton, Mass.*
Ralph Waldo Wight,	*Indian Orchard, Mass.*

MASTERS OF ARTS

John Harvey Lovell, B.A. (1882).
Harlan Nims Wood, B.A. (1892).
William Francis Dann, B.A. (1893).
Albert Sherburne Baker, B.A. (1894).
Ernest Merrill Bartlett, B.A. (1894).
Walter Clarke Howe, B.A. (1894).
Henry Nelson Bullard, B.A. (1896).
Everett Kimball, B.A. (1896).
Burt Leon York, B.A. (1896).
Dwight Grafton Burrage, B.A. (1897).

Honorary Degrees

DOCTORS OF DIVINITY

Rev. JOHN HUSE EASTMAN.
Rev. SAMUEL LANE LOOMIS.
Rev. CORNELIUS HOWARD PATTON.

DOCTORS OF LAWS

Professor EDWARD HITCHCOCK, M.D.
Professor HERBERT BAXTER ADAMS, PH.D.

Admission

NO one can be admitted to the Freshman class until he has completed his fifteenth year, nor to advanced standing without a corresponding increase of age.

All candidates for admission to the College must present satisfactory testimonials of good moral character.

SUBJECTS OF EXAMINATION FOR THE CLASSICAL COURSE

Examination (chiefly written) in the following subjects is required of all candidates for admission to the Freshman class:—

Latin.—The examinations will be adapted to the proficiency of those who have studied Latin in a systematic course of five lessons a week, extending through *four* school years. They will include :—

(1) The translation at sight of passages of Latin prose and verse, with questions on ordinary forms, constructions, and idioms, and on prosody.

(2) A thorough examination on Cicero's *Orations against Catiline*, II., III., and IV., and Vergil's *Æneid*, Books I. and II., directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language.

(3) The translation into Latin prose of a passage of connected English narrative, based on some portion of the Latin prose works usually read in preparation for college, and limited to the subject-matter of those works.

Greek.—The examinations will be adapted to the proficiency of those who have studied Greek in a systematic course of five lessons a week for *three* school years. They will include :—

(1) The translation at sight of passages of Attic prose and of Homer, with questions on ordinary forms, constructions, and idioms, and on prosody.

(2) A thorough examination on Xenophon's *Anabasis*, Books I. and II., and Homer's *Iliad*, Book I., directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language.

(3) The translation into Greek prose of a passage of connected English narrative, based on some portion of the Greek prose works usually read in preparation for college, and limited to the subject-matter of those works.

Mathematics.—(1) Algebra through quadratic equations.

(2) Plane Geometry including problems in mensuration and original propositions.

The requirement in Algebra includes the following subjects: factors, common divisors and multiples, fractions, ratios and proportions; negative quantities and the interpretation of negative results; the theory of exponents; radicals and equations involving radicals; the elementary theory of imaginaries; the progressions; the binomial theorem for positive integral powers of the binomial, and the extraction of roots; the ordinary methods of elimination, and the solution of both numerical and literal equations of the first and second degrees with one or more unknown quantities, and of problems leading to such equations.

The requirement in Geometry embraces the following topics: the general properties of plane rectilinear figures; proportion; incommensurable magnitudes and limits; the circle and the measure of angles; similar polygons; areas; regular polygons and the measure of the circle; problems in construction.

In all three subjects great importance is attached to accuracy and readiness, and to neatness in the arrangement of written work.

English.—Two sets of books are prescribed for preparation in English, one for reading, the other for more careful study. *No candidate will be accepted in English whose work is notably deficient in point of spelling, punctuation, idiom, or division into paragraphs.* The examination will consist of two parts:—

(1) *Reading and Practice.*—The candidate will be required to present evidence of a general knowledge of the subject-matter of the books assigned, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may be allowed to present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books. The books set for this part of the examination will be:—

1900.—Dryden's *Palamon and Arcite;* Pope's *Iliad*, Books I., VI., XXII., and XXIV.; *The Sir Roger de Coverley Papers* in "*The Spectator*"; Goldsmith's *The Vicar of Wakefield;* Scott's *Ivanhoe;* De Quincey's *The Flight of a Tartar Tribe;* Cooper's *The Last of the Mohicans;* Tennyson's *The Princess;* Lowell's *The Vision of Sir Launfal.*

1901 and 1902.—Shakespeare's *The Merchant of Venice;* Pope's *Iliad*, Books I., VI., XXII., and XXIV.; *The Sir Roger de Coverley Papers* in "*The Spectator*"; Goldsmith's *The Vicar of Wakefield;* Coleridge's *The Ancient Mariner;* Scott's *Ivanhoe;* Cooper's *The Last of the Mohicans;* Tennyson's *The Princess;* Lowell's *The Vision of Sir Launfal;* George Eliot's *Silas Marner.*

1903, 1904, and 1905.—Shakespeare's *The Merchant of Venice* and *Julius Cæsar; The Sir Roger de Coverley Papers* in "*The Spectator*"; Goldsmith's *The Vicar of Wakefield;* Coleridge's *The Ancient Mariner;* Scott's *Ivanhoe;* Carlyle's *Essay on Burns;* Tennyson's *The*

Princess; Lowell's *The Vision of Sir Launfal;* George Eliot's *Silas Marner.*

(2) *Study and Practice.*—This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy. The books set for this part of the examination will be : —

1900.—Shakespeare's *Macbeth;* Milton's *Paradise Lost*, Books I. and II.; Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison.*

1901 and 1902.—Shakespeare's *Macbeth;* Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso;* Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison.*

1903, 1904, and 1905.—Shakespeare's *Macbeth;* Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso;* Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison.*

Modern Languages.—Neither French nor German is *required* for admission; but candidates are advised and encouraged to offer one or both of these languages on their entrance to college, and students who pass an examination in either of these subjects as specified in entrance examinations for the Scientific Course, p. 30, will be credited as entering "with honor" in that subject, and may be assigned at once to a section for advanced work.

Ancient History.—History of Greece to the death of Alexander, with outlines of Greek Geography; History of Rome to the death of Marcus Aurelius, with outlines of Roman Geography.

SUBJECTS OF EXAMINATION FOR THE SCIENTIFIC COURSE

Candidates for admission to the Scientific Course are examined in Mathematics, English, Ancient and Modern History; in *two* of the following three languages, Latin, French, and German; and in either Physics or Chemistry. The following are the requirements in the several subjects :—

Mathematics.—Same as for Classical Course.

English.—Same as for Classical Course.

Ancient History.—Same as for Classical Course.

Modern History.—History of England since 1461 and of the United States.

Latin.—*Minimum requirement* (not to be followed by the study of Latin in college), Cæsar's *Gallic War*, Books I.–IV.; Cicero, three orations, or Vergil's *Æneid*, Books I. and II. *Maximum requirement*, the same as for the Classical Course. Only those who present the maximum requirement are allowed to take the Latin of the Freshman year.

French.—The work of the first three terms in college or its equivalent. This includes a thorough knowledge of the grammar, especially of the verbs, regular and irregular, with ability to render common English sentences into idiomatic French, and to translate easy French at sight. The candidate must have read critically at least four hundred pages of narrative or descriptive French prose. Usually it is found that at least two years are required to accomplish this work in a preparatory school.

German.—The work of the first three terms in college or its equivalent; which must embrace a thorough knowledge of forms, including the parts of the strong verbs, the rules for word order, and the more common rules of syntax; reading at sight; and the translation into German of simple English prose. The amount of text presented must not be less than two hundred and fifty pages. This requirement is rarely met by students who have had less than two years of careful work in German at a preparatory school.

Physics.—The scope of this requirement is indicated by such a book as Gage's Introduction to Physical Science.

A student who has pursued a laboratory course will receive credit for such work on presenting his original note-book with the record of his experiments, properly certified by his instructor.

Chemistry.—General laws and theories of Chemistry, and the occurrence, preparation, and properties of the non-metallic elements and their compounds, as stated in such text-books as Richter, Remsen, or Harris.

SPECIAL STUDENTS

Students are not encouraged to come to Amherst unless they are able to enter one of the regular courses of study. Special students are not received unless they have substantially completed the preparatory studies required for one of the courses leading to a degree; and exceptions to this regulation are made only in cases of men whose maturity or fitness makes it evident that they are prepared to profit by work in college rather than in a preparatory school. Such students are required to take as many hours of work each week as do candidates for degrees.

TIME, PLACE, AND ORDER OF EXAMINATIONS

The first examinations for admission begin at nine o'clock A.M. on Thursday (June 21, 1900) of the week preceding Commencement, and continue for two days. The result of these examinations is sent to the candidates by mail, within two weeks after the examinations are held. The second examinations for admission begin at nine o'clock A.M., on the last Tuesday of the summer vacation (September 18, 1900), and continue for two days.

These regular examinations for admission to the College are

held in WALKER HALL, at Amherst; and all candidates should present themselves promptly at the hour assigned for registration. Examination papers will be sent, free of charge, to any preparatory school of good standing, where there are candidates for admission, provided its principal will conduct the examinations simultaneously with those at Amherst, without expense to the College. Candidates who desire to be examined elsewhere than at Amherst should send their names to the Registrar in season to be received not later than May 1.

The order of examinations, in both June and September, is as follows :—

First Day

9.00 A.M.	Registration.	2.15 P.M.	Greek Prose Composition. / Chemistry.
9.15 A.M.	Latin Prose Composition.		
10.15 A.M.	Cicero.	3.00 P.M.	Anabasis. / Physics.
11.00 A.M.	Recess.	3.45 P.M.	Recess.
11.15 A.M.	Vergil and Latin Prosody.	4.00 P.M.	Iliad. / Modern History.
12.00 M.	Latin at sight.	4.45 P.M.	Greek at sight.
12.45 P.M.	Examinations close.	5.30 P.M.	Examinations close.

Second Day

8 A.M.	French. / German.	2.15 P.M.	Geometry.
10.00 A.M.	Ancient History.	3.45 P.M.	Recess.
11.00 A.M.	Recess.	4.00 P.M.	Algebra.
11.15 A.M.	English.		
12.45 P.M.	Examinations close.	5.30 P.M.	Examinations close.

ADMISSION ON CERTIFICATE

From certain preparatory schools of approved standing, certificates of fitness to enter college are received in place of entrance examinations ; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Registrar.

Such admission by certificate allows a student to enter college conditionally upon his proving himself able to do the full work of his class ; and at any time during the Freshman year he may be dropped from the class in case his work is not satisfactory. Certificates in Greek and Latin, in order to meet the full requirements in these subjects, must specify that the candidate has pursued a systematic course of study, not less than five hours a week during three and four school years respectively. In Algebra and Geometry no certificate will be

accepted for work that has not been pursued or reviewed within the two years preceding the date of the certificate.

The following is a specimen certificate-blank for admission to the Classical Course :—

Certificate of Fitness to Enter Amherst College

CLASSICAL COURSE

———————————————190

To the Faculty of AMHERST COLLEGE,
Gentlemen :—

I hereby certify that———————————
has completed under my supervision the following work and is prepared to enter your Freshman class, Classical Course, according to the requirements of the last annual catalogue :—

1. **Latin Grammar.**—How long has he studied Latin? What introductory book and grammar has he used? Has he been carefully drilled in the Roman method of pronunciation?

2. **Latin Prose Composition.**—Text-books used? How many terms has he had practice in prose composition? How much of his corrected work has he re-written?

3. **Cæsar, Nepos or Sallust.**—Portion read and reviewed? What instruction has he had in the principles of indirect discourse?

4. **Cicero.**—Which orations has he read and reviewed? Has he studied the circumstances under which these orations were delivered, and the purpose of each?

5. **Vergil and Ovid.**—Amount read. What practice has he had in scanning? Is he familiar with the principal rules of prosody?

6. **Latin at Sight.**—How much has he read at sight? From what authors?

7. **Greek Grammar.**—How long has he studied Greek? Grammar used?

8. **Greek Prose Composition.**—Text-book used and amount studied? Is he able to write with accents? How much has he been drilled in oral exercises?

9. **Anabasis.**—How much has he read, and how long since he last reviewed his work?

10. **Iliad.**—How much has he read and reviewed? What practice has he had in scanning? What special drill in Epic forms?

11. **Greek at Sight.**—How much has he read at sight? From what authors?

12. **Algebra.**—Text-book used? When last reviewed?

13. **Geometry.**—Text-book used? How much original work has he done? When last reviewed?

14. **English.**—What ones of the prescribed books has he read? How much work has he had in writing themes drawn therefrom, and how much of such work has been corrected by his instructor? What rank would you give the applicant, on the scale of 100, in spelling, punctuation, and division into paragraphs?

15. **Ancient History.**—Time given to the study? Amount of ground covered? Text-books used?

16. **Moral Character.**—I certify that

17. **Remarks.**

_____

Principal (or Head-Master) of _____

No certificate from a preparatory school will be received as covering any part of the work of the College course. Students are admitted to advanced standing only on examination, or on certificate from another college.

Certificates should be sent to the Registrar by June 20th, if possible. Correspondence about them may be addressed to the Registrar, Amherst College, Amherst, Mass.

CERTIFICATES AND DIPLOMAS OF THE REGENTS OF THE UNIVERSITY OF THE STATE OF NEW YORK

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in the subjects which they cover. It is to be noted, however, that these credentials are not accepted in English; that they are not satisfactory in Mathematics, unless the work has been pursued or reviewed within the two years

preceding the date of presentation ; and that they do not wholly fulfil the requirements in Greek.

PRELIMINARY EXAMINATIONS

Candidates are allowed to take examinations in any of the subjects, and, if the student is successful in five or more papers, either in the June or September examinations, or in both together, credit will be given for one year. Candidates are advised, however, to reserve for their final examinations the following subjects : Homer, Vergil or Cicero, Greek and Latin Prose Composition, Algebra or Geometry, and English.

THE PORTER ADMISSION PRIZE

A few weeks after the opening of the college year a special competitive examination upon the subjects required for admission to college is held; the successful contestant receives the Porter Admission Prize of fifty dollars, and his name, together with that of the school at which he prepared for college, is published in the catalogue.

Competition for this prize is limited to students who enter the Classical Course.

CONDITIONS

All candidates are recommended to present themselves at the June examinations, so that they may have an opportunity to cancel in September any conditions then received.

Those who remain conditioned after the September examinations, or receive conditions at that time, are required to study under teachers authorized by the examiners, and a fee is uniformly charged.

ADMISSION TO ADVANCED STANDING

No student can be admitted to advanced standing later than the beginning of the second term of the Senior year.

Candidates for admission to advanced standing are examined in the studies which have been pursued by the class they wish to enter, and also in the requirements for admission to the College, if advanced standing has not been regularly attained in another college. A student from another college, in applying for admission to advanced standing at Amherst, should present a letter of honorable dismissal, together with a detailed certified statement of the work done by him in each department of study at the college from which he comes. Due credit is given for all

such work, if certified by a college of acknowledged standing. For the particular books in Greek, Latin, or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language, but prose will not be accepted for poetry.

The Course of Study

THE undergraduate course of study extends through four years. It is the aim of the College, by a liberalizing course of study, to develop power and character in the student, rather than to make specialists in any department. The liberally educated man, it is believed, is best fitted for success in special work in his subsequent life. Whether he is a candidate for the degree of Bachelor of Arts or for that of Bachelor of Science, the student is advised to take work in each of the departments of Philosophy, History and Art, Language and Literature, Mathematics and Natural Science. The courses of study are so arranged as to afford to each student opportunity for acquiring the culture which comes from a limited amount of careful work in each of these great departments. Each subject is taught in its relations to other subjects, comprehensively, with an eye to its historic development, and yet with attention to that accuracy in details which is essential to the broadest and most effective training.

THE CLASSICAL COURSE

In the Classical Course the studies of the Freshman year are prescribed, except that choice is allowed between French and German. In the Sophomore year the student elects four studies from among twelve courses offered, but one of the studies chosen must be Greek or Latin, and another must be Mathematics or a Natural Science. During the Junior and Senior years the choice of studies is unrestricted, except that a thorough introduction to the study of Physics is prescribed as essential to the taking of the degree.

THE SCIENTIFIC COURSE

The course which leads to the degree of Bachelor of Science has been thoroughly revised and greatly enriched. The large and well-equipped laboratories for Physics and Chemistry, the enlarged Biological Laboratory, and the rearrangement of the Geological and Mineralogical collections, increase the facilities for broad and thorough work by undergraduates in Natural Science. This course of study requires for admission to college two languages beside English, and calls for proficiency in the use

of French as an instrument in study, and for some knowledge of German, as requisite to the attainment of the degree. At least two courses in Natural Science are prescribed in each year; but there is large room for choice in selecting the work to be done in science, and courses in History, Philosophy, and Literature as well as Language, are open to students in each year. The course aims at giving a liberalizing culture through studies chiefly in the realm of Natural Science, and not at imparting a narrow technical training.

Philosophy, History, and Political Science

PHILOSOPHY

The course in Philosophy extends through Senior year. It is carried on by means of lectures and recitations, and as far as possible the philosophers and their critics are studied from their own works. The aim is to secure the discipline of the student in habits of philosophic thought, and to lead him to the sources of adequate knowledge of himself, and of his relation to nature, to his fellow-men, and to God.

The course includes the following sub-courses, several of which are taken simultaneously, and their parts so synchronized as to present the chief topics of investigation from the point of view of the history of the discussions in (1) philosophy, (2) ethics, (3) psychology. In this way the student is brought to realize the progressive character and interdependence of the successive systems of philosophy and ethics, and to reach a clearer conception of the spiritual philosophy, and its more important and profound applications to science art, morality, and religion.

1. Experimental Psychology.—This course takes up problems in sensation, attention, time measurements, association, etc., and leads up to the deeper questions in psychology.

2. Animal Psychology.—This course gives special attention to the study of instinct, and traces the development of animal intelligence from the lowest forms.

3. Morbid Psychology.—This course includes the structure of the brain and sense organs, the localization of mental functions, and the study of pathological facts bearing on psychology. Especial attention is given to aphasia, apraxia, hysteria, hypnotism, double personality, and insanity.

4. Mental Evolution.—This course considers the development of mental processes, both in the race and in the child. Considerable time is

given to the study of the emotions, and to the conditions under which the more important motives to action have been developed in the history of human progress.

5. Pedagogics and Educational Psychology.—This course discusses the more important educational theories, and critically investigates the methods of instruction and discipline required to secure the best results in mental development and training.

6. General Psychology.—This course is occupied chiefly with the higher mental processes, especially apperceptive combinations.

7. Heredity.

8. Anthropological Ethics.—This course investigates the evolution of moral and religious conceptions. It studies family, tribal, and social organizations and customs; also superstitions and myths. Especial attention is given to the psychic and ethical factors in the ethnic religions, and in civilization; and to the discussion of social evolution.

9. Political Obligations.

10. The Metaphysics of Ethics.—This course investigates the ultimate ground of moral obligation, and analyzes the ethical categories, such as Freedom, its relation to law and causality; Law, physical, moral, and civil; Standards of ethical judgment; Value, natural and moral.

11. Objective Ethics.—This course critically investigates the ground of Authority, and of the State; Theories of the State; Moral progress; Social evolution; Outlines of sociology. The history of speculations on these subjects is studied and their relations to the philosophical concept by which they have been influenced are emphasized. This course devotes also considerable time to the ethical problems involved in the present social questions (Charity, Divorce, Temperance, Criminology, Penology, Immigration, Education, Insurance, and the ethical side of Socialism and other phases of the Labor Question, etc.)

12. Æsthetics.—The theory of the beautiful in art and in nature.

13. Outline History of Ancient Philosophy.

14. Selections from Locke, Berkeley, Hume, and Mill.

15. The Philosophy and Ethics of Herbert Spencer.—This course includes lectures, and selections from his First Principles, Psychology, Ethics, and Sociology.

16. Descartes, Spinoza, Kant, Fichte, Hegel, Lotze.—This course is given by lectures, with selections from Descartes, Kant, and Lotze.

17. Epistemology.

18. The Philosophy of Religion.

19. The Evolution of Religion.

20. Preparation for Christianity in the Roman Empire.—This course takes up the ethical, religious, and political preparation for Christianity, and the public and private life of Greece and Rome during the period from the Sophists to the close of the first century A.D.

21. Christian Apologetics, History and Exposition of Christian Doctrine.—Especially the doctrine of the Trinity, of Sin, of the Atonement, of Faith.

22. Movements of Thought in the Nineteenth Century.
First Term: *five hours a week.*
Second Term: *five hours a week.*
Third Term: *five hours a week.*

HISTORY

The study of History covers Junior and Senior years. The course begins with a *résumé* of ancient history, in which the contributions of each historic period and people are reviewed. In the fuller study of mediæval and modern history which succeeds, a like aim is followed. During the second half of Junior year the political and constitutional history of England previous to 1765 receives particular attention. Two-thirds of the course of Senior year are given to the political and constitutional history of the United States. The means of instruction are text-books, lectures, regular and frequent examinations, abstracts, and essays upon topics assigned each student.

First Term: *four hours a week.*—Résumé of Ancient History.—Mediæval Europe (375–1270):—The Migrations; Germanic Institutions; The Papacy; The Holy Roman Empire; Charlemagne; Beginnings of National Life; Mohammed; Hildebrand; Feudalism; The Crusades.

Second Term: *four hours a week.*—From the close of the Crusades to the Peace of Augsburg (1270–1555):—Establishment of the Absolute Monarchy; The Renaissance; Discovery of America; The Protestant Reformation; Erasmus; Luther; Calvin; Henry VIII.; Charles V.; The Spaniards in America.

Third Term: *four hours a week.*—From the Peace of Augsburg to the Bill of Rights (1555–1689):—The Catholic Reformation; The Thirty Years' War; The English Revolutions of the Seventeenth Century; Loyola; Philip II.; William the Silent; Elizabeth; Cromwell; Louis XIV.; The French and English in America.

Fourth Term: *four hours a week.*—From the Bill of Rights to the French Revolution (1689–1789):—The Rise of Russia and Prussia; Cabinet Government in England; The Seven Years' War; The American Revolution; The Articles of Confederation; The Constitution of 1787.

Fifth Term: *four hours a week.*—European History from the French Revolution to the Revolution of 1848:—The French Revolution; The Napoleonic Period; The Congress of Vienna; The Holy Alliance; Revolution in Spanish America; Revolution in France; Reform in England. American History from the Inauguration of Washington to the Compromise of 1850:—The Federalist Period; The Party Revolution of 1800; The Jeffersonian Democratic Period; The War of 1812; Reconstruction of the Party System; The Monroe Doctrine; Rise of the New Democracy under Jackson; The Anti-Slavery Movement; Sectionalism; The War with Mexico; The Compromise of 1850.

SIXTH TERM: *four hours a week.*—(Since 1848):—The Revolution of 1848–51; Crimean War; Prussia and Austria; The Franco-Prussian War; German Unity; Italian Unity; Progress in England and her Dependencies; The American Civil War; Reconstruction; Political, Social, and Economic History of the United States since 1876; The War with Spain.

POLITICAL ECONOMY

The elective in Economics is offered to the Seniors. The general aim is threefold: (1) to arouse in the student's mind an interest in national economic life, and lead him to see the importance of fundamental problems; (2) to give him such an acquaintance with the literature of the subject that he shall understand present theories in the light of their development, and be able to judge of their adequacy; (3) so to present the facts and principles of industrial life that the student may arrive at independent judgments on economic phenomena.

The means of instruction are text-books, lectures, outside reading, reports to the class, essays upon assigned topics, and frequent examinations.

FIRST TERM: *five hours a week.*—An elementary course in General Economics. Walker's Political Economy, with lectures and supplementary reading. This course is a necessary introduction to the subsequent courses. It deals principally with the nature of economic laws, the data of economic inquiry, and the scope and method of the science.

SECOND TERM: *four hours a week.*—Practical economic problems. This course is an application of principles to financial and industrial questions, with special emphasis upon Banking, Money, and Socialism. An essay is required from each student. Authorities: Hadley's Economics, Dunbar's Theory and History of Banking, Walker's International Bimetallism, White's Money and Banking, and Rae's Contemporary Socialism.

THIRD TERM: *four hours a week.*—Public Finance. Nature and scope of public finance, public expenditure, and public revenue. History, principles, and practice of taxation. Text-book: Adams's Science of Finance. In addition special monographs will be used, with lectures, discussions, and reports.

MODERN GOVERNMENTS AND THEIR ADMINISTRATION

This course is open to Seniors. It treats of the governmental systems of different States, including their constitutions, administrative methods, and fundamental political ideas, and discusses their international relations and diplomacy. It deals with each State both as an individual by itself, and as a member in the family of States. The physical, ethnic, and religious conditions of various peoples are studied with reference to the influence of

those conditions upon their political life. Attention is paid to special topics of contemporaneous interest and importance, and those larger problems are investigated which confront the twentieth century. The course aims at enabling the student to understand the causes and tendencies of the great movements which agitate mankind, and to enlarge and render accurate his view of his own country and of the world.

Instruction is afforded by lectures, text-books, and outside reading. Assigned subjects are treated by the students in theses and discussions. Throughout the year one hour each fortnight is devoted to some present topic of special prominence. Text-books: Grosvenor's Contemporary History, Wilson's The State, Lowell's Governments and Parties in Continental Europe, Woolsey's or Lawrence's International Law.

First Term: *four hours a week.*— Elementary principles. Definitions. Object and test of government. Influence of original theories, of circumstances and time. Governments as single or federal, as monarchic, aristocratic or democratic, as constitutional or arbitrary. Modes of comparison.

Second Term: *four hours a week.*— Present Governments, national, local and municipal, in the States of Europe and America and in Japan, China, India, and Australia. Open only to those who have completed the work of the first term

Third Term: *four hours a week.*— Definition and history of International Law. Rights of States. International intercourse. Relations of States at war. Belligerents and neutrals. Defects, progress, and future of International Law. Open only to those who have completed the work of the two previous terms.

Language and Literature

GREEK

In Freshman year Greek is taken by all students of the Classical Course. Special attention will be given to a mastery of the rudiments of the language, to etymology, syntax, prosody, the composition of words, and the structure of sentences. The grammar will be reviewed carefully. This review will extend throughout the entire year, and will be accompanied by weekly written exercises in translating English into Greek. For this reason also the class will usually read Attic prose during the fall and winter terms, to serve primarily as a drill in Attic syntax.

As the student advances, however, to Sophomore year, in which Greek is alternative with Latin, and to Junior and Senior years, in which it is elective, his knowledge of rudimentary forms can be increasingly taken for granted, and more relative attention will be given to style and thought, and to the life and literature of the people; this makes possible a much more extensive reading of Greek authors than could formerly be attained. It is the aim of the department to secure not only facile and rapid reading, but also, as far as possible, a true appreciation of the style and spirit of the Greek writers, and acquaintance with the treasures of wisdom and knowledge embodied in their works.

The members of the upper classes will study topics connected with the authors read in class. Collateral reading in English literature, suggested by the work in the class room, will be required of all classes in each term.

Lectures illustrated by stereopticon views of ancient monuments will be given throughout the Sophomore, Junior, and Senior years, so far as possible. The myths of the tragedies read in class will be illustrated from the monuments, and such works of ancient art as are suggested by the subject-matter of the play will be discussed.

First Term: *four hours a week.*—Lysias; Exercises in Greek Composition; Collateral reading—Mahaffy's Primer of Old Greek Life.

Second Term: *four hours a week.*—Herodotus; Exercises in Greek Composition (optional); Collateral reading—Fyffe's Primer of Greek History.

Third Term: *four hours a week.*—The Odyssey of Homer; Exercises in writing Greek (optional); Collateral reading—Gladstone's Primer of Homer.

Fourth Term: *four hours a week.*—Demosthenes de Corona; Weekly exercises in writing Greek; History of Greek Oratory.

Fifth Term: *four hours a week.*—Euripides; Weekly exercises in writing Greek (optional); History of the Drama; Weekly illustrated lectures on the myth involved.

Sixth Term: *four hours a week.*—Sophocles; Weekly illustrated lectures on the myth involved.

Seventh Term: *four hours a week.*—The Iliad of Homer; Study of topics bearing upon the Homeric Question and the Cyclic Poems; Weekly illustrated lectures on the Trojan Cycle of Myths.

Eighth Term: *four hours a week.*—Aristophanes; Study of topics bearing upon Comic Poetry.

Ninth Term: *four hours a week.*—Plato.

Tenth Term: (a) *two hours a week.*—Theocritus. (b) *Two hours a week.*—History of Greek Sculpture.

ELEVENTH TERM: (a) *two hours a week.*—The Agamemnon of Æschylus. (b) *Two hours a week.*—History of Greek Sculpture continued.

TWELFTH TERM: (a) *two hours a week.*—Pindar. (b) *Two hours a week.*—History of Greek Sculpture continued.

During Senior year a class in Modern Greek will be conducted by the teacher in charge, provided the number desiring such instruction be large enough to justify the formation of a class.

LATIN

In the work of the Freshman year special attention is given to the structure of the Latin sentence, as illustrated in select portions of the writings of Cicero, Livy, and Horace, and as unfolded through frequent written and oral exercises in Latin prose composition and through the practice of reading prose Latin at sight. In the Sophomore year the study of the language is continued in an examination of the structure of the word, involving an analysis of its oldest forms, and an explanation of their changes into those of the Latin of the classical period, particularly in connection with the reading of Plautus. But, from the beginning of the year, the chief object of the course is the study of Latin literature, through a critical reading of selections from the most important authors. This reading is accompanied in the Sophomore year by the study of Roman archæology and topics in the history of the Ante-classical and Golden Ages, and in the Junior year by a study of topics in the history of the Silver Age of Latin literature. In the Senior year the subjects of study are the philosophical writings of Cicero and Lucretius, selections from Christian Latin literature, prose and poetry, and the Institutes of Justinian, with topics on the origin and formation of the Christian Latin dialect, and the history of Roman jurisprudence.

FIRST TERM: *four hours a week.*—Cicero De Senectute or De Amicitia; De Officiis, at sight; discussions on Latin style based upon Potts' Hints toward Latin Prose Composition; collateral reading on the life and times of Cicero.

SECOND TERM: *four hours a week.*—Livy, Book xxi.; Book i., at sight; lectures on Rome and Carthage; exercises in Latin Composition; collateral reading on the Punic Wars.

THIRD TERM: *four hours a week.*—The Odes, Epodes, and the Carmen Sæculare of Horace, with the Horatian Meters; collateral reading on Horace as a lyric poet.

FOURTH TERM: *four hours a week.*—The Trinummus of Plautus and the Adelphœ of Terence, *six weeks;* the Germania and Agricola of Tacitus, *seven weeks;* exercises in Latin Philology.

FIFTH TERM: *four hours a week.*—Selections from the letters of Pliny and Cicero; Cicero on the Immortality of the Soul, at sight; lectures on Roman Archæology; topics in the History of Latin Literature.

SIXTH TERM: *four hours a week.*—The Satires and Epistles of Horace; selections from Catullus; lectures on Roman Archæology; topics in the History of Latin Literature.

SEVENTH TERM: *four hours a week.*—Seneca, selections from the Essays or Epistles; Pliny, selections from the Historia Naturalis; Quintilian, De Institutione Oratoria, Book x.; topics in the literature of the Silver Age.

EIGHTH TERM: *four hours a week.*—Tacitus, Histories, Books i. and iii.; Christian Latin Poetry, selections; topics in the History of the Early Empire and in the literature of the Silver Age.

NINTH TERM: *four hours a week.*—Roman Satire: selections from Persius, Martial, and Juvenal; Petronius, Cena Trimalchionis; topics in the History of Roman Satire.

TENTH TERM: *four hours a week.*—Lucretius, selections from the De Rerum Natura; Cicero, on the Immortality of the Soul.

ELEVENTH TERM: *four hours a week.*—Tertullian, Apologeticus; Selections from the De Consolatione Philosophiæ of Boethius, or Rushforth, Latin Historical Inscriptions.

TWELFTH TERM: *four hours a week.*—The Institutes of Justinian; topics in the History of Roman Jurisprudence.

SANSKRIT

An elective course in Sanskrit and Pāli is offered as a preparation for special work in comparative philology, and as an introduction to the study of the religions and literatures of India.

FIRST TERM: *four hours a week.*—Perry's Primer; Whitney's Grammar; Lanman's Reader, Nala.

SECOND TERM: *four hours a week.*—Whitney's Grammar; Lanman's Reader, Stories from Hitopadeça and Kathā-sarit-sāgara.

THIRD TERM: *four hours a week.*—Whitney's Grammar; Lanman's Reader, Selections from Veda and Brāhmana.

RHETORIC

Rhetoric is a required study during the second and third terms of Freshman year, and prepares for the more advanced work both in Rhetoric and Public Speaking. This course gives the student practice in the fundamentals of expression, especially

as relates to words, phraseology, sentences, paragraphs, and the qualities of written and spoken style. The instruction is given by means of topical lessons, based on text-book and lectures, also by careful criticism of the student's written work. The Armstrong prizes are awarded in connection with this course.

The study of Rhetoric in Sophomore year is elective, beginning with the first term, and continuing three terms. This course, while no less mindful of the working principles of expression, and while attended by copious practice in their various applications, from the choice of words up to the forms of discourse, treats them as elements in the making of literature, and at every step draws suggestion and model from the best authors. Thus its aim is to define and enforce the principles of literary art on their constructive side, and in aspects of permanent as well as present significance.

First Term: *one hour a week.*—Topical lessons, accompanied with explanations, exercises, and essays.

Second Term: *one hour a week.*—Topical lessons and written work continued in the same general way, and in progressive course.

Third Term: *four hours a week.*—Genung's Practical Elements of Rhetoric, Part I., with written exercises.

Fourth Term: *four hours a week.*—Genung's Practical Elements of Rhetoric, Part II., with written exercises, essays, proof reading, and criticisms.

Fifth Term: *four hours a week.*—Essays, individual criticism, and readings in standard prose writers.

THE ENGLISH LANGUAGE

The study of the history of the English Language is elective during the first two terms of Junior year, following the course in Rhetoric of the Sophomore year, and preparing for the course in English Literature of the third term of Junior year.

The work of the first term is devoted to Old English (Anglo-Saxon), and aims at an acquaintance with the principles of Old English phonology and grammar, and the acquisition of a considerable vocabulary of such Old English words as are still vital in the language, together with a knowledge of their changes in meaning. Selections from the more important prose works of the period are read, and the study of the poetry is begun. An outline history of the origin and development of Old English is imparted by means of lectures.

In the second term the study of Old English poetry is continued, and the study of Middle English is begun. The aim of this course is an acquaintance with the principles of Middle English, especially Chaucerian, phonology and grammar, together with some notion of the French influence upon the language. The *Prologue to the Canterbury Tales* is read. An outline history of the development of Middle English and of its passage into modern English is given in lectures.

First Term: *four hours a week.*—Cook-Sievers' Grammar of Old English, Sweet's Anglo-Saxon Primer, Bright's Anglo-Saxon Reader, Beowulf.

Second Term: *four hours a week.*—Sweet's Second Middle English Primer.

ENGLISH LITERATURE

The study of Rhetoric and the English Language prepares for the study of English Literature, which begins with the third term of Junior year, and is continued to the end of Senior year. Beginning with the Anglo-Saxon period, the study is pursued to the modern period, and the course is entirely elective. Its aim is to secure an acquaintance with the prominent authors of prose and verse. A degree of familiarity with a few writers is sought rather than information about many.

In studying the earlier periods of the literature the students are assisted to discover the peculiarities of the authors by text-books, by lectures, and by discussion of the principles of literary criticism.

Beginning with Senior year the students work more independently. During the first two terms two weeks are devoted to the study of each author. Extended essays are read before the several divisions of the class upon the author of the week, each member of the class reading one such essay every term. The divisions are prepared to criticise these essays by means of the previous study of topics and examination upon them. These topics are so selected as to cover the ground of assigned readings and to direct the student in his critical study

First Term: *four hours a week.*—Course A: General outline of the environment of the early literature, with some account of the principal writers. Special time and attention are given to Chaucer, Spenser, Bacon, Milton, and Dryden. Course B: One tragedy of Shakespeare is interpreted to the class line by line. Other plays are studied by the class with the aid of annotated texts and commentaries. Frequent written examinations are required.

SECOND TERM: *four hours a week.*—Particular study, according to the method described above for the first two terms of Senior year, of the prose writers of the eighteenth and early part of the nineteenth centuries. Open only to those who have taken Course A the first term.

THIRD TERM: *four hours a week.*—The poets of the same period are studied in the same way. Open only to those who have taken Course A the first term.

FOURTH TERM: *four hours a week.*—Same course as Course B described above. Different plays are read in successive years. Open to any Senior whether he has taken the previous courses or not.

PUBLIC SPEAKING

The aim of this department is to help the student to that command of his powers as thinker, writer, and speaker which is necessary for natural and effective public speech. The means to this end is a special training in argumentation, in the writing and delivery of orations, debates, and addresses, and in the oral interpretation of literature.

ARGUMENTATION.—This is an elective study during the first term of Junior year. Instruction in the essential principles of Logic is given by means of text-book (Jevons's Lessons in Logic), examples for praxis, informal lectures, discussions, and frequent examinations. The course gives careful drill in synonyms and definitions, in the different forms of inference, in fallacies, in the logical analysis and criticism of arguments. The work in Logic is followed by instruction in the main principles of evidence, and in the drawing of briefs of debates.

In the second term of Junior year the study of the theory of Argumentation is followed by abundant practice in debates, discussions, and extemporaneous speaking. As the aim of the course is to afford, with training in the various forms of public speaking, special preparation for the duties of citizenship, the subjects treated refer largely to our political history and to questions of social reform and economic interests.

ORATIONS.—The work in argumentation and debate is accompanied by lectures on oratorical composition, and by the writing and delivery of orations by members of the class. The Hogan and Ladd prizes are awarded in connection with these exercises.

ORAL INTERPRETATION.—Preparatory to the elective course in public speaking are exercises in declamation, required of both the Freshman and Sophomore classes. As much class work is done as the size of the class and the time allotted for this exercise allow; but the main dependence is placed upon indi-

vidual training. The Kellogg prizes are awarded in connection with these exercises.

This work is followed in the first term of Junior year by the oral interpretation of a longer work of literature, usually a play of Shakespeare. This is carefully studied by the class and the scenes are successively read aloud by members who have previously received individual training in their delivery.

The final prescribed work in public speaking consists of weekly class debates, during the first two terms of Senior year, for the purpose of cultivating proficiency in extemporaneous speaking. The Hardy prizes are awarded in connection with these exercises.

Members of the Senior class competing for the Hyde and Bond prizes receive individual training in the preparation of their orations.

First Term: *Freshmen.*—Declamations: *one hour a week. Sophomores.*—Declamations: *one hour a week. Juniors.*—Argumentation: *two hours a week.* Oral Interpretation and Orations: *two hours a week. Seniors.*—Debates: *one hour a week.*

Second Term: *Juniors.*—Public Speaking: Debates, Discussions, Speeches, Orations: *four hours a week. Seniors.*—Debates: *one hour a week.*

Third Term: *Freshmen, Sophomores, and Seniors.*—Individual training of the contestants for the Kellogg, Hyde, and Bond prizes.

BIBLICAL LITERATURE

The work of this department is divided into two parts. The first is the study of the English Bible, an elective open to members of the Junior class. The object of the course, which extends through three terms, is to give the student a knowledge of Biblical history and literature. This includes an outline of criticism, enough to enable him to appreciate the nature of the sources at our command, and their literary quality. It includes also an estimate of the stages through which the religious ideas of the Biblical writers have passed, and a discussion of their bearing upon modern culture. The Bible itself (Revised Version) is used as a text-book, and the student's familiarity with it is tested in oral and written examinations.

The study of the original languages of Scripture is elective, and open to members of the Senior class. The first term is devoted to the New Testament, with especial attention to the characteristics of post-Classical and Hellenistic Greek. The second and third terms are given to the Hebrew language.

First Term: *four hours a week.*—The history of Israel down to the Exile; the composition of the earlier historical books; the work of the prophets; the place of Amos, Hosea, Isaiah, and Jeremiah.

Second Term: *four hours a week.*—Israel's Restoration and the new commonwealth; the triumph of legalism; the Wisdom literature; the Maccabean struggle and the preparation for the New Testament.

Third Term: *four hours a week.*—The Life of Christ and the beginnings of the Church; the Roman supremacy; the Messianic expectation; the Pauline Epistles and their influence; other types of Apostolic thought.

Fourth Term: *four hours a week.*—One Gospel and two Epistles will be read in Westcott and Hort's Greek Testament. Consideration will be given to the forms of New Testament literature, the influence of Jewish thought and of the Septuagint, the new elements introduced into the language by Christian ideas.

Fifth and Sixth Terms: *four hours a week.*—Hebrew Grammar (Davidson) with translation of passages from the historical sections of the Old Testament.

GERMAN

The study of German covers a period of nine terms, beginning regularly the first term of Freshman year, where it is optional with French, but open also to Sophomores and Juniors who have not previously taken German. Freshmen taking the Scientific Course who have offered German for admission begin the study with the work of the second year.

The work of the first year is elementary, embracing the study of grammatical forms, the acquiring of a correct pronunciation, conversational exercises, the turning of simple English sentences into German, sight-reading, syntactical drill, the reading of a large amount of simple German prose, and the writing of German on the basis of the authors read. In the third term some classical work is studied.

In the second year special attention is given to the works of Schiller and Goethe, with a study of their life and times, and a general survey of German literature. In the second and third terms opportunity is given for the study of Scientific German.

The third year is devoted to a critical study of Goethe's Faust, with special topics in German literature, and the reading of selections from modern fiction, poetry, and drama.

First Term: *four hours a week.*—Thomas's Practical German Grammar; selections from easy German prose; exercises in writing German; von Wildenbruch's Das edle Blut.

Second Term: *four hours a week.*—Thomas's Practical German Grammar; Gerstäcker's Irrfahrten; exercises in writing German and in sight-reading.

THIRD TERM: *four hours a week.*—Lessing's Emilia Galotti; study of Lessing's life; sight-reading.

FOURTH TERM: *four hours a week.*—Schiller's Maria Stuart and Wilhelm Tell; study of Schiller's life.

FIFTH TERM: *four hours a week.*—Goethe's Hermann und Dorothea; Three German tales; General survey of German literature; Scientific German.

SIXTH TERM: *four hours a week.*—Selections from Goethe's Prose Works; Life and times of Goethe; Scientific German.

SEVENTH TERM: *four hours a week.*—Goethe's Faust; History of the Faust legend.

EIGHTH TERM: *four hours a week.*—Goethe's Faust continued; special topics in German literature.

NINTH TERM: *four hours a week.*—Modern German fiction, poetry, and drama.

FRENCH

The course in French begins regularly with the first term of Freshman year and continues through nine terms. The department aims to give: 1. An accurate knowledge of pronunciation, forms, and syntax. 2. Fluency in translating. 3. Some acquaintance with French literature, especially with that of the last three centuries.

The student begins to read as soon as the regular verb is mastered. During the first three terms much stress is laid on pronunciation, and on the systematic study of grammar. From the beginning of the fourth through the sixth term the class reads rapidly — studying syntax from the texts read — and one recitation of each week is devoted exclusively to French literature. Prose composition forms an important part of the work from the outset. In each term of the third year course, which is open only to those who have satisfactorily completed the first six terms (or an equivalent), the student is made familiar with the work of a literary group, or with the development of a "genre." The books are changed from year to year.

FIRST TERM: *four hours a week.*—Whitney's Grammar; Dumas, *La Tulipe noire.*

SECOND TERM: *four hours a week.*—Whitney; Sarcey, *Le Siège de Paris;* Augier, *Le Gendre de Monsieur Poirier.*

THIRD TERM: *four hours a week.*—Whitney; Theuriet, *Bigarreau;* Corneille, *Le Cid;* Lesage, *Gil Blas.*

FOURTH TERM: *four hours a week.*—Hugo, *Ruy Blas* and *Notre-Dame de Paris;* Duval, *Histoire de la littérature française;* Macmillan's Prose Composition, Part I.; Private reading.

FIFTH TERM: *four hours a week.*— *Notre-Dame de Paris;* Molière, *Tartuffe* and *Le Misanthrope;* Duval; Macmillan's Prose Composition; Private reading.

SIXTH TERM: *four hours a week.*— Voltaire, Selections; Balzac, *Le Père Goriot;* Daudet, *Tartarin de Tarascon;* Duval; Macmillan; Private reading.

SEVENTH TERM: *four hours a week.*— Classic Tragedy: Corneille, *Théâtre* (1 vol., ed. Garnier, Paris); Racine, *Théâtre complet* (1 vol., ed. Garnier); Voltaire, *Théâtre* (1 vol., ed. Garnier). Voltaire's *Siècle de Louis XIV.*, Crane's *Société française au XVII^e siècle*, and the first chapter of Pellissier's *Mouvement littéraire au XIX^e siècle* (ed. Hachette) are recommended for collateral reading.

EIGHTH TERM: *four hours a week.*— Molière, *Œuvres complètes* (3 vols., ed. Garnier); Private reading.

NINTH TERM: *four hours a week.*— The Development of the Novel: Rousseau, *La Nouvelle Héloïse;* Bernardin de Saint-Pierre, *Paul et Virginie;* Mme. de Staël, *De l'Allemagne;* Chateaubriand, *Atala;* DeVigny, *Cinq-Mars;* Sand, *Mauprat;* Hugo, *Quatre-vingt-treize;* Balzac, *Le Père Goriot;* Daudet, *Tartarin de Tarascon;* Bourget, *Cosmopolis;* Loti, *Pêcheur d'Islande*, *Ramuntcho.*

SPANISH

The course in Spanish continues through two years, and is conducted on the same general lines as the course in French. The books are usually changed from year to year.

FIRST TERM: *four hours a week.*—Manning's Grammar; Short Stories; Modern Comedies; Alarcón, *El final de Norma.*

SECOND TERM: *four hours a week.*—Manning; Alarcón, *El Capitán Veneno;* Valera, *Pepita Jiménez;* Galdós, *Doña Perfecta.*

THIRD TERM: *four hours a week.*—Galdós, *Marianela;* Isla, *Gil Blas* (Lesage's); Calderón, *La Vida es sueño.*

FOURTH TERM: *four hours a week.*—Ramsey, *Text-book of Modern Spanish;* Ticknor, *History of Spanish Literature;* Selected plays of Lope de Vega and Calderón; Private reading.

FIFTH TERM: *four hours a week.*—Ramsey; Ticknor; Guillén de Castro, *Las mocedades del Cid;* Moratín, *El Sí de las niñas;* Cervantes, *Don Quixote.*

SIXTH TERM: *four hours a week.*—Ramsey; Ticknor; *Don Quixote;* Private reading.

ITALIAN

Beginning in 1900–1901 a course in Italian will be offered. During the first year emphasis will be laid on modern Italian; in the second year the student's attention will be directed especially to the history of Italian literature, to the works of Dante, Petrarch, and Boccaccio, and to Italian art. The books to be used will be announced later.

Mathematics and Natural Science

MATHEMATICS

First Term: *four hours a week.*—Classical and Scientific Courses: Algebra, including choice, chance, theory of limits, the binomial theorem, logarithms, series, determinants, and the theory of equations. Wentworth's College Algebra. Scientific Course: Descriptive Geometry, with especial reference to the method of analysis. Faunce's Descriptive Geometry.

Second Term: *four hours a week.*—Solid and Spherical Geometry. Phillips and Fisher.

Third Term: *four hours a week.*—Plane Trigonometry, Wentworth. *One hour a week extra.*—Spherical Trigonometry for the Walker (honor) division.

Fourth Term: *four hours a week.*—Analytical Geometry of the Conic Sections.

Fifth Term: *four hours a week.*—Differential and Integral Calculus.

Sixth Term: *four hours a week.*—Preceding course continued.

Seventh Term: *four hours a week.*—Analytical Geometry: Course of term four continued, including a study of the general equation of the second degree with two variables, the plane, the straight line in space, surfaces of the second order and the general equation of the second degree with three variables, *seven weeks;* Problems in the Calculus and a brief course in Differential Equations, with special reference to the advanced courses in Mechanics and Physics, *six weeks.*

Eighth Term: *four hours a week.*—Kinematics. Vector methods introduced.

Ninth Term: *four hours a week.*—Statics. Vector methods continued.

Tenth Term: *four hours a week.*—Integral Calculus, Advanced Course, including Definite Integrals, Transformation of Multiple Integrals, Expansion of Functions in Trigonometric Series, Mean Value and Probability.

Eleventh Term: *four hours a week.*—Ordinary and Partial Differential Equations and the Analytical Theory of Surfaces and of Curves in Space; or Application of Vector Analysis to Kinetics.

Twelfth Term: *four hours a week.*—Introduction to the Theory of Functions; or Vector Methods in Mathematical Physics.

PHYSICS

The general course in Physics extends through the three terms of Junior year; work of a more special character is taken up in the courses open to Seniors.

The first course opens with the study of Mechanics and the general principles are discussed (1) in connection with cases of equilibrium, and (2) as applied to moving bodies. Then follows a study of the mechanical and physical properties of liquids and gases, after which wave motion and sound are treated.

The second term begins with the study of static electricity, and is followed by that of electric currents and magnetism, with an elementary discussion of the relation between light and electricity. The latter part of the term is occupied with the study of heat. The work of the first two terms is required ; and in connection with the class work a supplementary course of two hours per week of laboratory work is open to all who pursue the above courses. The third term is devoted to the study of light, and involves four hours of laboratory work per week. This course is required of students in the Scientific Course ; it is elective for other Juniors.

The Senior courses require a working knowledge of the Calculus, since many parts of physics involve its use for their complete discussion. Those who expect to take these courses are advised to elect the full Junior year course in mathematics, although the Sophomore course in mathematics is all that is absolutely required.

In the first term of Senior year thermodynamics is studied and, in connection with it, capillary action and the kinetic theory of gases. The next term is devoted to the mathematical theory of electricity and magnetism, giving a theoretical basis on which the questions that arise in applied electricity may be intelligently approached. In the last term, after a discussion of the electromagnetic theory of light and the nature and properties of electromagnetic waves, the physical theory of light is taken up, with especial reference to the most important cases of interference, diffraction, polarization, and the optical properties of crystals.

FIRST AND SECOND TERMS: *four hours a week.*—General Physics, including Mechanics of solids, liquids, and gases ; Sound ; Heat ; Electricity and Magnetism.

THIRD TERM: *four hours a week.*—Lectures and Laboratory work in Light.

FOURTH TERM: *four hours a week.*—Thermodynamics, Capillary action, and the Kinetic Theory of Gases.

FIFTH TERM: *four hours a week.*—Mathematical theory of Electricity and Magnetism, treating Electrostatics and the phenomena of electric currents.

SIXTH TERM: *four hours a week.*—The Electromagnetic Theory of Light and Physical Optics.

ASTRONOMY

There are two elective courses: the first, pursued during the first term of Senior year, a course in elementary astronomy, in which the history, fundamental facts and principles, and latest developments of the science are dealt with, and a foundation is laid for subsequent work; the second, pursued during the third term of Senior year, a more advanced course, in which the chief topics in practical and theoretic astronomy are systematically dealt with, and modern methods and results are fully dwelt upon. This course includes the theory of construction of the astronomical ephemeris, or nautical almanac, with examples of the application of this theory to derivation of numerical results. About one half of this course is devoted to theory of the construction, mounting, adjustment, and use of the principal instruments of the astronomical observatory, each student making observations with these instruments, and himself completely calculating and reducing them.

FIRST TERM: *four hours a week.*—New Astronomy (Todd), supplemented by lectures upon the History of Astronomy.

SECOND TERM: *four hours a week.*— Practical Astronomy (Loomis, Souchon); Theoretical Astronomy (Watson); Investigation of the Orbit of Uranus (Newcomb); Observatory work.

CHEMISTRY

The following courses are offered by the Chemical Department: —

General Chemistry pursued in Sophomore year.— This course begins with the first term of Sophomore year, and continues for two terms. The history of the science, together with the fundamental laws and theories, is first considered. Then instruction is given, by means of lectures, recitations, and laboratory work, upon the non-metals and their compounds. After this the more commonly occurring metals and their compounds are taken up in like manner. The course concludes with lectures upon the carbon compounds.

Subjects pursued in Junior year.—The first term of Junior year embraces lectures on the theory and practice of qualitative analysis. The laboratory work includes the reactions of all the principal bases and acids, a careful and constant practice in stoichiometry, and an application of both the wet and the dry methods to all individual substances.

The second term is devoted to the theory and practice of separations, the analysis of mixed compounds and various minerals. It embraces the systematic treatment of both bases and acids.

Subjects pursued in Senior year.—The first term of Senior year is devoted to lectures and laboratory work on the quantitative methods for determining the principal bases and acids in mineral substances, and an introduction is made to volumetric analysis.

The second term embraces the separation of associated bases and acids, the analysis of alloys, the sulphides, carbonates, silicates, and phosphates, and an extension of volumetric work to a wider range of substances.

The third term is devoted to special lines of more technical work, embracing water analysis, urinary analysis, iron analysis, fertilizers, and quantitative organic determinations. Such of these subjects can be taken as meet the wants of the individual student.

First Term: *four hours a week.*—History, laws, and theories of Chemistry.

Second Term: *four hours a week.*—Lectures and laboratory work on the non-metals and metals; lectures on organic chemistry.

Third Term: *four hours a week.*—Qualitative Analysis of the metals.

Fourth Term: *four hours a week.*—Qualitative Analysis of the metals continued.

Fifth Term: *four hours a week.*—Quantitative Analysis.

Sixth Term: *four hours a week.*—Quantitative Analysis continued; Mineral Analysis.

Seventh Term: *four hours a week.*—Special work in Analysis.

MINERALOGY AND GEOLOGY

The course in Geology during the third term of Junior year requires each week four exercises and practical work during one afternoon. The latter work will consist of excursions, generally under the guidance of the teacher, for the study of the different geological formations found near Amherst, and laboratory work during the last part. The most important geological structures and agencies are studied practically in these excursions, and the

most important geological formations are visited. Amherst furnishes a region of exceptional value and variety for this purpose.

During the first term of Senior year the subjects studied are Historical Geology, Paleontology, and Physical Geography. It is desirable that those who take this term shall have taken the first year in Biology. Excursions will be offered during the first half of the term.

The course in Mineralogy and Lithology requires two hours of laboratory work during four days of the week in the second term of Senior year. About half the term is devoted to Crystallography and half to the study of the physical and chemical properties of minerals and their association in rocks, veinstones, and ores. The course is planned to be of value to those who wish to take advanced work in Chemistry, or to pursue the full course in Geology. Those who take this course should have had the chemistry of Sophomore year, or its equivalent. Moses and Parsons' Elements of Mineralogy, Crystallography, and Blowpipe Analysis is used as a text-book.

In the third term of Senior year practical work is offered, the aim being to teach the use of instruments and the methods of geological work. For this purpose portions of field or laboratory work of suitable character are assigned separately to small groups of students, never more than three together, who work under the teacher's supervision and are required to prepare a map or thesis on the work of the term. The student is required to be in the field three afternoons the first half of the term and two the last half. The courses offered during this term are: The survey of an area of the glacial and post-glacial beds of the region; The survey of an area of the triassic sandstones and traps; advanced work in Mineralogy, Lithology, or Paleontology.

First Term: *four hours a week.* — Structural and Dynamical Geology, as illustrated in the region around Amherst. Dana's Manual or LeConte's Elements.

Second Term: *four hours a week.* — Historical Geology and Paleontology; Physical Geography. Wood's Paleontology.

Third Term: *four hours a week.* — Crystallography; Determination of minerals.

Fourth Term: *four hours a week.* — Field and laboratory work.

HYGIENE AND PHYSICAL EDUCATION

Instruction in the fundamental laws affecting the health of students is given in the first term of Freshman year. A course of lectures and recitations on Human Anatomy and Physiology, illustrated by clastic models and veritable parts of the body, is given in the third term of Sophomore year.

From the large amount of data in the matter of bodily statistics, gathered during the past thirty-eight years in Amherst College, much valuable knowledge is furnished upon the physical condition of the average college student — what some of his possibilities are, and what development and increase of his powers he may hope to obtain.

First Term, Freshman Year: *one hour a week.*— Personal Hygiene.

Third Term, Sophomore Year: *four hours a week.*— Human Anatomy and Physiology.

BIOLOGY

The work of each term consists of four recitations and three hours of laboratory practice each week. The work in the laboratory includes the dissection or microscopic study of the principal forms of animal life, and animal and vegetable histology. The work of the three years is continuous, and Course III. is open only to those who have taken Course II.

Course I.—For Freshmen in the Scientific Course.

First Term[1]: *four hours a week.*—General Morphology.

Second Term: *four hours a week.*—Systematic Zoölogy.

Third Term: *four hours a week.*—In the third term of each year students in the Scientific Course take their work with the next higher class.

Course II.—For Sophomores.

First and Second Terms: *four hours a week.*—The Evolution of the Animal Kingdom. In this course the student traces, as far as possible, the line of evolution leading from the protozoön to man. The chief aim of the course is to give such a knowledge of the laws governing animal life and human development as shall prepare the student for the study of history, political science, medicine, or theology. It also gives the student a knowledge of the structure and affinities of the great divisions of the animal kingdom as a foundation for the advanced courses in Zoölogy.

Third Term: *four hours a week.*—Botany. The Evolution of the Vegetable Kingdom.

[1] Omitted in 1899–1900.

COURSE III.—FOR JUNIORS.

FIRST TERM: *four hours a week.*—The Anatomy of Vertebrates.

SECOND TERM: *four hours a week.*—The Embryology of the Chick.

THIRD TERM: *four hours a week.*—The Study of the Cell. Normal Histology.

The work of Course III. is intended for students who expect to pursue medicine or biology, and affords opportunity for original investigation.

MUSIC

During the winter term a four hour elective in Harmony is offered. The work consists mainly of written exercises on figured bases, also of harmonization of given melodies, discussed and corrected in the class-room. In this way the rudiments in Harmony are studied, comprising Intervals, Triads, and Chords of the Seventh, with their inversions and resolutions, Cadences, Suspensions, Chromatically altered Chords, Modulations, Passing and Changing notes, Organ-point, Harmonization of Melodies, and the application of chords to the several voices of four part writing.

This course is open on certain conditions to a limited number of Seniors and Juniors.

Synopsis of the Course of Study†

FOR THE DEGREE OF BACHELOR OF ARTS

NOTE.—For details as to topics, text-books, and methods of work in each subject, consult pp. 36 to 58. The figure prefixed to a study indicates the term of the study in its course, and the figure following indicates the numbe of hours a week devoted to the study. Required studies are italicized.

FRESHMAN YEAR

Elect four hours from the bracketed group.

First Term	Second Term	Third Term
1 *Greek* 4	2 *Greek* 4	3 *Greek* 4
1 *Latin* 4	2 *Latin* 4	3 *Latin* 4
1 *Mathematics* 4	2 *Mathematics* 4	3 *Mathematics* 4
Hygiene 1		
Declamation 1	1 *Rhetoric* 1	2 *Rhetoric* 1
1 French 4	2 French 4	3 French 4
1 German 4	2 German 4	3 German 4

SOPHOMORE YEAR

Elect four studies, one of which shall be Greek or Latin and one Mathematics or a Natural Science. Do not elect more than one from the bracketed group.

First Term	Second Term	Third Term
4 Greek 4	5 Greek 4	6 Greek 4
4 Latin 4	5 Latin 4	6 Latin 4
1 Chemistry 4	2 Chemistry 4	Anatomy and Physiology 4
1 Biology 4	2 Biology 4	3 Biology 4
4 Mathematics 4	5 Mathematics 4	6 Mathematics 4
3 Rhetoric 4	4 Rhetoric 4	5 Rhetoric 4
Declamation 1		
1 French 4	2 French 4	3 French 4
4 French 4	5 French 4	6 French 4
1 German 4	2 German 4	3 German 4
4 German 4	5 German 4	6 German 4

JUNIOR YEAR

Make up sixteen hours, electing only one study from the bracketed group.

First Term	Second Term	Third Term
7 Greek 4	8 Greek 4	9 Greek 4
7 Latin 4	8 Latin 4	9 Latin 4
	Music 4	
3 Chemistry 4	4 Chemistry 4	
		1 Geology 4
4 Biology 4	5 Biology 4	6 Biology 4
1 *Physics* 4	2 *Physics* 4	3 Physics 4
7 Mathematics 4	8 Mathematics 4	9 Mathematics 4
1 Old English 4	2 Middle English 4	1 English Lit. 4
1 Public Speaking 4	2 Public Speaking 4	
1 Biblical Lit. 4	2 Biblical Lit. 4	3 Biblical Lit. 4
1 Spanish 4	2 Spanish 4	3 Spanish 4
1 French 4	2 French 4	3 French 4
4 French 4	5 French 4	6 French 4
7 French 4	8 French 4	9 French 4
1 German 4	2 German 4	3 German 4
4 German 4	5 German 4	6 German 4
7 German 4	8 German 4	9 German 4
1 History 4	2 History 4	3 History 4

SENIOR YEAR

Elect three courses, taking not more than one from the bracketed group.

First Term	Second Term	Third Term
10 Greek 4	11 Greek 4	12 Greek 4
10 Latin 4	11 Latin 4	12 Latin 4
1 Sanskrit 4	2 Sanskrit 4	3 Sanskrit 4
5 Chemistry 4	6 Chemistry 4	7 Chemistry 4
2 Geology 4	3 Mineralogy 4	4 Geology 4
1 Astronomy 4		2 Astronomy 4
4 Physics 4	5 Physics 4	6 Physics 4
10 Mathematics 4	11 Mathematics 4	12 Mathematics 4
2 English Lit. 4	3 English Lit. 4	4 English Lit. 4
	Music 4	
Debates 1	*Debates* 1	
4 Biblical Lit. 4	5 Biblical Lit. 4	6 Biblical Lit. 4
4 Spanish 4	5 Spanish 4	6 Spanish 4
4 French 4	5 French 4	6 French 4
7 French 4	8 French 4	9 French 4
4 German 4	5 German 4	6 German 4
7 German 4	8 German 4	9 German 4
1 Polit. Econ. 5	2 Polit. Econ. 4	3 Polit. Econ. 4
1 Modern Gov. 4	2 Modern Gov. 4	3 Modern Gov. 4
1 Philosophy 5	2 Philosophy 5	3 Philosophy 5
4 History 4	5 History 4	6 History 4

Synopsis of the Course of Study†

FOR THE DEGREE OF BACHELOR OF SCIENCE

NOTE.—For details as to topics, text-books, and methods of work in each subject, consult pp. 36 to 58. The figure prefixed to a study indicates the term of the study in its course, and the figure following indicates the number of hours a week devoted to the study. Required studies are italicized.

Courses in science are elected for the entire year unless a specific statement makes the course an exception to this rule. Each student will take two courses in Natural Science or Mathematics throughout Junior and Senior years. In Senior year, Political Economy may be elected with one Natural Science. All candidates for the degree of B.S. will complete the second year's course in French and German.

FRESHMAN YEAR

Take eight hours from the bracketed group.

First Term	Second Term	Third Term
1 *Mathematics* 4	2 *Mathematics* 4	3 *Mathematics* 4
Descriptive Geometry 4	1 *Biology* 4	2 *Biology* 4
Hygiene 1		
Declamation 1	1 *Rhetoric* 1	2 *Rhetoric* 1
1 Latin* 4	2 Latin* 4	3 Latin* 4
1 French 4	2 French 4	3 French 4
4 French 4	5 French 4	6 French 4
1 German 4	2 German 4	3 German 4
4 German 4	5 German 4	6 German 4

SOPHOMORE YEAR

Make up sixteen hours, taking eight hours from the bracketed group.

First Term	Second Term	Third Term
3 Rhetoric 4	4 Rhetoric 4	5 Rhetoric 4
Declamation 1		
1 *Chemistry* 4	2 *Chemistry* 4	*Anatomy and Physiology* 4
4 Mathematics 4	5 Mathematics 4	6 Mathematics 4
3 Biology 4	4 Biology 4	5 Biology 4
1 French 4	2 French 4	3 French 4
4 French 4	5 French 4	6 French 4
1 German 4	2 German 4	3 German 4
4 German 4	5 German 4	6 German 4

JUNIOR YEAR

Make up sixteen hours, electing only one study from the bracketed group.

First Term	Second Term	Third Term
1 *Physics* 4	2 *Physics* 4	3 *Physics* 4
	Music 4	
4 Mathematics 4	5 Mathematics 4	6 Mathematics 4
7 Mathematics 4	8 Mathematics 4	9 Mathematics 4
3 Chemistry 4	4 Chemistry 4	
		1 Geology 4
6 Biology 4	7 Biology 4	8 Biology 4
1 Old English 4	2 Middle English 4	1 English Lit. 4
1 Public Speaking 4	2 Public Speaking 4	
1 Spanish 4	2 Spanish 4	3 Spanish 4
4 French 4	5 French 4	6 French 4
7 French 4	8 French 4	9 French 4
4 German 4	5 German 4	6 German 4
7 German 4	8 German 4	9 German 4
1 History 4	2 History 4	3 History 4
1 Biblical Lit. 4	2 Biblical Lit. 4	3 Biblical Lit. 4

SENIOR YEAR

Elect three courses.

First Term	Second Term	Third Term
4 Physics 4	5 Physics 4	6 Physics 4
1 Astronomy 4		2 Astronomy 4
7 Mathematics 4	8 Mathematics 4	9 Mathematics 4
10 Mathematics 4	11 Mathematics 4	12 Mathematics 4
5 Chemistry 4	6 Chemistry 4	7 Chemistry 4
2 Geology 4	3 Mineralogy 4	4 Geology 4
2 English Lit. 4	3 English Lit. 4	4 English Lit. 4
Debates 1	*Debates* 1	
	Music 4	
4 Spanish 4	5 Spanish 4	6 Spanish 4
7 French 4	8 French 4	9 French 4
7 German 4	8 German 4	9 German 4
1 Modern Gov. 4	2 Modern Gov. 4	3 Modern Gov. 4
1 Polit. Econ. 5	2 Polit. Econ. 4	3 Polit. Econ. 4
4 History 4	5 History 4	6 History 4
1 Philosophy 5	2 Philosophy 5	3 Philosophy 5

Courses and Degrees

THE REGULAR COURSES

THE departments of collegiate instruction are grouped in six general sections :—

(1) THE SECTION OF PHILOSOPHY.
(2) THE SECTION OF ANCIENT LANGUAGES.
(3) THE SECTION OF ENGLISH.
(4) THE SECTION OF MODERN LANGUAGES.
(5) THE SECTION OF MATHEMATICS.
(6) THE SECTION OF NATURAL SCIENCE.

In each of these sections the grade of the scholarship of each student is recorded on the scale of units from 1 to 5. Every student who has completed his work in each section may be admitted to the degree of Bachelor of Arts,[1] or Bachelor of Science,[1] and receive a diploma in testimony of the same. If his average scholarship be represented by the number 2, his diploma is given *rite;* if by 3, *cum laude;* if by 4, *magna cum laude;* and if by 5, *summa cum laude.* No student is entitled to a diploma whose work in any section is incomplete. Such student may, however, receive a certificate of his actual attainments in such partial course.

THE DEGREE OF MASTER OF ARTS

The degree of Master of Arts in course is conferred only on condition that the candidate, already a Bachelor of Arts, has completed a course of liberal study, approved by the Faculty, sufficient in amount to constitute a fifth year of college work.

By continuous residence at College candidates may fulfil the above condition in one year after graduation. Resident candidates pay the regular tuition of undergraduates and a diploma fee of five dollars.

In cases of partial non-residence at least two years, and of entire non-residence three years, will be requisite, and the candidate must present satisfactory vouchers that he has completed a course of liberal studies equivalent to one year's college work, or in default of this pass an examination on the same, and must pay a diploma fee of ten dollars.

[1] For detailed account of the work of these courses, see pp. 36, 59, and 60.

(*a*) A three years' course of professional study at a school of theology, law, or medicine, of approved standing, or (*b*) three years spent in teaching the higher branches in a classical or scientific school of approved standing, together with evidence of special study of teaching as an art or science, or of some branch of literature, philosophy, history, or science, is considered as fulfilling the requirements of this degree. When the degree is applied for under caption (*b*), it is expected that the candidate will submit evidence of his success in his chosen profession of teaching, and will also submit a satisfactory thesis upon the special subject of study which he has pursued with reference to the degree.

Both resident and non-resident candidates are required to present, not later than June 1, a satisfactory thesis on some subject approved by the Faculty. Graduates of other colleges can receive the degree only on condition of one year's residence and study in Amherst.

THE DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy, for which only college graduates may be candidates, is recommended on compliance with the following conditions :—

(1) A two years' course of study in two subjects of science or literature, or one subject of each, at this College, under the direction of the Professors in the departments to which these subjects belong.

(2) An examination upon these subjects, and a thesis upon one of them, satisfactory to these Professors.

(3) The payment of a tuition fee of one hundred and ten dollars a year, and a diploma fee of five dollars.

General College Orders

TERMS AND VACATIONS

The academic year includes thirty-six weeks of term-time, and is divided into the Fall Term of thirteen weeks, the Winter Term of twelve weeks, and the Spring Term of eleven weeks. The holiday intermission of two weeks follows the Fall Term ;

the Spring vacation of two weeks follows the Winter Term ; and the long vacation of twelve weeks follows the Spring Term.

All the terms begin on a Thursday, the Fall Term at half past eight o'clock A.M., and the Winter and Spring Terms at half past eleven o'clock A.M. The Fall and Winter Terms end on a Thursday at quarter of one o'clock P.M. ; the Spring Term on the day before Commencement. Commencement day is the last Wednesday in June.

EXERCISES OF THE TERM

A printed schedule of the exercises of the College is published at the beginning of every term. On Wednesday and Saturday afternoons all exercises are suspended.

ATTENDANCE

Absences from chapel service are allowed upon an average once each week for each term ; from the Sunday service, three absences are allowed in each of the first two terms, and two in the third term.

A student who has been absent from more than one-tenth of the lectures and recitations in any subject is required to take an examination in that subject in the third week of the following term. If he fails in this examination he does not receive credit for the work of the preceding term, and is not recommended for a degree until he has completed the work of that term with a class of another year, or has done a term of extra work as an equivalent.

RELIGIOUS CULTURE

The Christian life of the College finds expression through the College Church and the College Young Men's Christian Association. A service for public worship is held in the College Church every Sunday morning at quarter of eleven, and there are prayers in the Chapel every week-day morning at half past eight o'clock. There are class prayer-meetings and classes for the study of the Bible regularly on Sunday. Every Thursday evening there is a prayer-meeting of the College.

In lieu of attendance upon the Sunday services of the College Church, any student is, on application to the Registrar, permitted to attend church services elsewhere with the denomination with which he may be connected. If the student is under twenty-one years of age, his application must be accompanied with a request from his parent or guardian.

PHYSICAL CULTURE

The department of hygiene and physical education is under the charge of two physicians, who keep themselves acquainted with the health of all the students. Each student, soon after he enters the College, and twice thereafter during his collegiate course, is minutely examined in reference to his strength and physical condition, and advised as to any particular course he should take for the maintenance and increase of his health and strength. A manual of average measurements, together with a record of his own measurements, is given him, and he is also directed to the most advantageous use of the ample appliances with which the PRATT GYMNASIUM is provided.

Besides the exercises which every student may take by himself, the members of each class regularly exercise together in the gymnasium every week-day, excepting Wednesday and Saturday. Unless excused for physical disability, the attendance of every student is required at the gymnasium for the performance of the exercises in light gymnastics.

The results of the system of prescribed gymnastic training pursued in the College have been eminently satisfactory. While hygienists affirm that, as a general rule, the health of a young man from fifteen to twenty-five years of age is apt to decline, the reverse rule is found to prevail with students here. From statistics systematically kept for more than twenty years, it appears that the health of an Amherst College student is likely to grow better each year of his collegiate course. The average health of the Sophomore class is better than that of the Freshman; and of the Junior, better than that of the Sophomore; and of the Senior class, best of all. This average, moreover, is shown to come from the improvement in the physical condition of the individual student, and not from the absence of those who drop out of the course because physically too weak to complete it.

DORMITORIES

North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two, or three students. Most of the rooms are provided with open fireplaces, and hardwood floors permit the use of rugs, without carpets; the halls are lighted by gas, and the prices include heat, water, and limited care of the rooms. Rents vary from $35 (for one student) to $125 (for two students) per year.

EXPENSES

The following is a summary of the principal necessary expenses of a student during a collegiate year, exclusive of vacations :—

General term-bill, including tuition, library, gymnasium, and all ordinary incidentals, ...	$110.00	$110.00
Room-rent in dormitories, per annum $65 to $125, . .	35.00	63.00
Room-rent in private houses, per annum, ...	30.00	60.00
Fuel and lights, ...	12.00	18.00
Board, from $3.00 to $6.00 per week, ...	108.00	216.00

[Laboratory Fees, see second paragraph below.]

A graduation fee of six dollars is charged each member of the Senior Class.

The following are the fees for work in the laboratories: in the Biological Laboratory three dollars for the first, second, fourth, and fifth terms, and five dollars for the sixth term, and for each term of advanced work ; in the Chemical Laboratory three dollars for the first and second terms, ten dollars for the third, fourth, and seventh terms, and fifteen dollars for the fifth and sixth terms ; in the Physical Laboratory three dollars a term for the Junior year, and five dollars a term for the Senior year. These fees must be paid on or before the third Friday of the term for which they are charged. Dues for breakage must be paid at the close of each term.

The expenses for room-rent, fuel, and lights are estimated on the supposition that two students occupy the same room. A higher rent is charged for a few of the best rooms in the town. There are some expenses which result from taxes voluntarily imposed by the classes or societies. These, and expenses for furniture, books, stationery, etc., will vary according to circumstances, and the character and habits of the student.

Information about rooms and boarding-places may be obtained on application to the College Janitor, LANSFORD GATES, at the College, or post office box No. 80, Amherst, Mass.

PAYMENTS

A bond, with satisfactory surety for the payment of all College bills, must be given by each student to the Treasurer at the commencement of the term when he enters. One-half of the annual charges is due and payable October 1, and the balance March 1.

Fellowships

The Roswell Dwight Hitchcock Memorial Fellowship, offered by the Alpha Delta Phi fraternity to the Senior class for excellence in history and the social and economical sciences. Two hundred and fifty dollars, to be awarded annually under conditions determined by the Faculty.

The Pope Fellowship, of two hundred and fifty dollars, given by Col. ALBERT A. POPE of Boston, will be awarded annually to a member of the Senior class for proficiency in Physics as shown in his record during the whole course, and in a special examination if such is deemed necessary by the Professor of Physics. The appointment will not be made unless the attainments of the candidate are satisfactory. The holder of the fellowship must pursue for one year a course of graduate study in physics or mathematics, or allied subjects, at an institution and under conditions approved by the Faculty. The amount of the fellowship will be paid in two installments, one-half after suitable evidence that the course of study has been entered upon, the remainder when the course is completed.

The Rufus B. Kellogg University Fellowship. This Fellowship, the gift of the late RUFUS B. KELLOGG, Esq., of Green Bay, Wisconsin, awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions :—

(1) He shall be selected by the Faculty of Amherst College, from the members of the class graduated from Amherst College at the close of the academic year in which this election shall be made, or from the members of the classes graduating from Amherst in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship, the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years, the incumbent shall spend at a German University (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of Philosophy, Philology, Literature, History, Political Science, Political Economy, Mathematics, or Natural Science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst College more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

Prizes

THE following prizes are offered annually for proficiency in the work of several of the departments of collegiate study :—

IN GREEK

The Hutchins Prize, given by the late Hon. WALDO HUTCHINS of New York : Sixty dollars to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

IN LATIN

The Bertram Prizes of fifty, thirty, and twenty dollars respectively, given by the late JOHN BERTRAM of Salem. In 1900 these prizes will be awarded for the best essays by Seniors upon the beginnings of Latin philosophical literature and of Latin Christian literature, as illustrated by the *De Rerum Natura* of Lucretius and the *Liber Apologeticus* of Tertullian, with an excursus on the civilization and language of Roman Africa in the second century, A. D.

The Billings Prizes, one of thirty dollars and one of twenty dollars, given by the late PARMLY BILLINGS of Billings, Mont., for excellence in the Latin of at least two terms of the Senior year.

The Law Latin Prize of twenty dollars, for excellence in the Law Latin of the Senior year.

The Thompson Prizes, of thirty, twenty, and ten dollars respectively, given by the Rev. WALTER THOMPSON of Garrison's, N. Y., for the highest scholarship in the Latin of the Junior year, together with certain special work.

The Sophomore Prizes, one of twenty-five dollars and one of twenty dollars, for the best examinations on portions of the work especially connected with the study of Latin philology, together with general excellence in the work of the year.

The Freshman Prizes, one of thirty dollars and one of fifteen dollars, for the highest scholarship in the work of Freshman year. The award will generally be determined by the regular recitations and examinations, but a special examination may be required.

IN BIBLICAL LITERATURE

The Boynton Term Prizes of thirty dollars, given by ELEAZAR BOYNTON of Medford, to encourage personal study and investigation of the Bible. These prizes are divided into three of ten dollars each, and are awarded, one at the end of each term, to the student writing the best essay on an assigned topic covering the work of the term. No award will be made in case all the essays submitted are found unsatisfactory.

IN ENGLISH

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late RUFUS B. KELLOGG of Green Bay, Wis., for excellence in declamation.

The Hardy Prizes, the first prize of thirty dollars, the second prize of twenty dollars, given by the late ALPHEUS HARDY of Boston, for improvement in extemporaneous speaking. These prizes are awarded Commencement week.

The Hyde Prize of one hundred dollars, given by BENJAMIN D. HYDE of Boston, in memory of his father, HENRY D. HYDE, for many years a Trustee of Amherst College, to that member of the Senior class who may produce the best oration. Both composition and delivery are considered in making the award.

The Bond Prize of one hundred dollars, given by the late EPHRAIM W. BOND of Springfield, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

The Kent Prize in English Literature of one hundred dollars, given by DANIEL KENT of Leicester, to that one of the English Literature division producing the best essay upon an assigned subject. The essay for 1900 may be written upon either of the following subjects: Recent Historical Romance; Charles Lamb's Style and its Sources.

The Hogan Prizes of forty dollars in books, given by TIMOTHY HOGAN of New York, in memory of his son, ARTHUR F. HOGAN, of the class of 1891, to members of the class in Public Speaking who excel in oratorical composition, the second term of Junior year.

The Ladd Prizes of fifty dollars in books, given by J. W. LADD of Portland, Ore., to members of the class in Public Speaking who excel in oratorical composition, the second term of Junior year.

The Armstrong Prizes of seventy-five dollars in books, given by COLLIN ARMSTRONG, of New York, of the class of 1877, to members of the Freshman class who excel in composition.

IN MATHEMATICS, PHYSICS, AND ASTRONOMY

The Walker Prize of two hundred dollars, given by the late WILLIAM J. WALKER of Newport, R. I., for excellence in the mathematics of the Sophomore year, as exhibited in both oral and written examinations. One-fourth of the amount is paid at the end of the Sophomore year, and the remainder at the end of a year of graduate study pursued under the direction of the Faculty.

The Porter Prize of thirty dollars, given by the late ELEAZER PORTER of Hadley, for highest scholarship in physics and astronomy. This award is made at the conclusion of the collegiate course, and is determined by the record of all recitations and examinations in these departments.

IN NATURAL SCIENCE

The Shepard Mineralogical Prize, four prizes of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor CHARLES U. SHEPARD, to members of the Senior class for greatest excellence in the department of mineralogy.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late EDMUND H. SAWYER of Easthampton, for the best work in human anatomy and physiology.

OTHER PRIZES

The Woods Prize of sixty dollars, given by the late JOSIAH B. WOODS of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the collegiate course.

The Leland Prize of one hundred dollars, given by Dr. GEORGE A. LELAND of Boston, to the class which, during the year, shall most faithfully discharge its duties in the Gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

The Ladd Prizes, the sum of one hundred dollars, given by WILLIAM M. LADD of Portland, Ore., to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

The Porter Admission Prize of fifty dollars, given by the late ELEAZER PORTER of Hadley, to the candidate who passes the best examination for admission to the Freshman class, classical course. The name of the successful candidate, together with that of the school at which, or the instructor with whom, he prepared for college, is published in the catalogue.

PRIZES AWARDED 1898–'99

The Hutchins Prize,	to L. I. Newton, R. P. Sibley,	of the class of 1900
The Bertram Prizes,	(1) to A. E. Austin, (2) to R. W. Botham, (3) to C. M. Grover,	of the class of 1899
The Billings Prizes,	(1) to A. E. Austin, (2) to R. W. Botham,	of the class of 1899
Special Latin Prizes,	(1) to P. T. Winslow, (2) to Arthur Haviland,	of the class of 1899
The Thompson Prizes,	(1) to E. H. Wilkins, (2) to G. S. Bryan, (3) to L. C. Hubbard, D. H. Hurd,	of the class of 1900
The Sophomore Prize,	to H. P. Houghton,	of the class of 1901
The Freshman Prizes,	(1) to H. W. Giese, (2) to W. V. Trevoy,	of the class of 1902
The Boynton Term Prizes,	(1) to W. A. Dyer, (2) to T. V. Parker, (3) to H. G. Merrill,	of the class of 1900
The Kellogg Prizes,	to E. C. Buffum, to William Reid,	of the class of 1901 of the class of 1902
The Hardy Prizes,	(1) to W. H. Tinker, (2) to W. H. Gilpatric,	of the class of 1899
The Hyde Prize,	to E. W. Hitchcock,	of the class of 1899
The Bond Prize,	to A. E. Austin,	of the class of 1899
The Kent Prize,	to E. D. Gaylord,	of the class of 1899
The Walker Prize,	to J. A. Marsh,	of the class of 1901
The Porter Prize,	to R. S. Dugan,	of the class of 1899
The Shepard Prizes,	(not awarded).	
The Sawyer Prize,	to A. W. Towne,	of the class of 1901
The Woods Prize,	to E. M. Brooks,	of the class of 1899
The Leland Prize,	to the Class of 1900.	
The Porter Admission Prize,	to S. N. Whitney,	of the class of 1903 who prepared for college at the Fitchburg High School.

The Armstrong Prizes in books were awarded to the following members of the class of 1902: *First Prizes*, F. H. Allen, R. W. Maynard; *Second Prizes*, H. W. Giese, William Reid; *Third Prizes*, C. H. Collester, H. A. Sheppard.

Beneficiary Aid

THE beneficiary funds of the College exceed two hundred and forty thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually by a Committee of the Faculty among students of high character and good scholarship, who need pecuniary aid.

In this distribution the following general rules are observed :

(1) Improvement in college work is recognized by an increase in the amount granted to the applicant for the succeeding year.

(2) No aid from beneficiary funds is given to (a) students who fail to maintain a high standard of honor in college life ; (b) students who are delinquent in any subject at the time of their application ; (c) students whose scholarship is not sufficiently high to merit an award ; (d) students who indulge in expensive habits or whose expenditures for the year preceding their application have exceeded five hundred dollars ; (e) students who enter the College for special courses of study, without reference to a degree.

(3) The receipt of financial assistance for a given year establishes no claim to a subsequent award.

(4) Applicants for beneficiary aid must file at the Registrar's office before October 15 a certified statement of their resources for the current academic year, together with three letters of recommendation, giving evidence of their need, attainments, and character. Applicants for the renewal of such aid must present, in place of the above specified letters of recommendation, a certified account of their expenditures and income for the year preceding their application.

(5) Applicants from the incoming class, who are of exceptional ability and sound character, may be assured of awards varying, according to their need and attainments, from fifty to one hundred dollars, in advance of the opening of the college year, upon nomination by the principal or teacher who prepared them for college. Candidates for the Christian ministry may be assured of awards covering full tuition, one hundred and ten dollars, provided their character and scholarship command the confidence of the Committee. Applications[1] for assured scholarships must be accompanied by three letters of recommendation, giving evidence of the applicant's character and attainments, and especially of his need of pecuniary aid.

[1] Blanks for scholarship applications may be obtained of the Registrar.

Awards are made from the income of the following Funds :—

The Charitable Fund, of $88,000, exclusively in aid of those studying for the Christian ministry.

The Stone Scholarship Fund, of $25,000, in awarding the income of which preference is given to sons of missionaries and ministers.

The William Hilton Scholarship Fund, of $17,500, by a bequest of WILLIAM HILTON of Boston.

The Hitchcock Scholarship Fund, of $10,000, established by SAMUEL A. HITCHCOCK of Brimfield.

The Whitcomb Scholarship Fund, of $12,000, established by DAVID WHITCOMB and G. HENRY WHITCOMB of Worcester.

The Day Benevolent Fund, of $5,000, by a bequest of MOSES DAY of Boston.

The Seymour Scholarship Fund, of $5,000, by a bequest of JAMES S. SEYMOUR of Auburn, N. Y.

The Farnsworth Scholarship Fund, of $3,000, established by ISAAC D. FARNSWORTH of Boston.

The Knowles Scholarship Fund, of $3,000, by a bequest of LUCIUS J. KNOWLES of Worcester.

A Scholarship Fund, of $3,000, given by a friend.

The Reed Scholarship Fund, of $2,500, by a bequest of CHARLES THAYER REED of Boston, in memory of his son, CHARLES THAYER REED, JR.

The Persian Scholarship Fund, of $2,000, by a bequest of the Rev. JAMES L. MERRICK of Amherst.

The Charles Merriam Scholarship Fund, of $2,000, established by CHARLES MERRIAM of Springfield.

The Quincy Tufts Scholarship Fund, of $2,000, by a bequest of QUINCY TUFTS of Boston.

The Henry Gridley Scholarship of the Class-of-1862 Fund, of $2,000, established by the Class, in memory of their classmate whose name it bears.

The Borden Scholarship Fund, of $2,000, by a bequest of SAMUEL AUGUSTUS BORDEN of Boston.

The Anderson Scholarship Fund, of $2,000, by a bequest of SAMUEL AUGUSTUS BORDEN of Boston.

The Alexander H. Bullock Scholarship Fund, of $1,500, established by ALEXANDER H. BULLOCK of Worcester, of the class of 1836.

The Scholarship of the Class-of-1836 Fund, of $1,500, established by the Class.

The Scholarship of the Class-of-1871 Fund, of $1,400, established by the Class.

The Scholarship of the Class-of-1826 Fund, of $500, established by two members of the Class.

The Scholarship of the Class-of-1844 Fund, of $500, established by three members of the Class.

Thirty scholarship-funds of $1,000 each, as follows :—

The Levi Russell Scholarship Fund, established by LEVI RUSSELL of Hadley.

The Tuttle Scholarship Fund, by bequest of Mrs. SARAH TUTTLE of Wayland.

The George Cook Scholarship Fund, established by GEORGE COOK of Keene, N. H., of the class of 1841.

The Enos Dickinson Scholarship Fund, established by ENOS DICKINSON of Amherst.

The John C. Newton Scholarship Fund, established by JOHN C. NEWTON of Worcester.

The James H. Newton Scholarship Fund, established by JAMES H. NEWTON of Holyoke.

The Johnson Scholarship of the Class-of-1823 Fund, established by A. J. JOHNSON of New York City.

The Southworth Scholarship of the Class-of-1822 Fund, established by WELLS SOUTHWORTH of New Haven, Conn.

The Joseph Carew Scholarship Fund, established by JOSEPH CAREW of South Hadley Falls.

The Gregory Scholarship of the Class-of-1850 Fund, established by JAMES J. H. GREGORY of Marblehead.

The Dolly Coleman Blake Scholarship Fund, by bequest of DOLLY COLEMAN BLAKE of Boston.

The Miller Scholarship Fund, established by Mrs. S. P. MILLER of Montclair, N. J., in memory of her son, J. C. B. MILLER, of the class of 1869.

The Green Scholarship Fund, by a bequest of the Rev. HENRY SOLOMON GREEN of Andover, of the class of 1834, as a memorial gift from himself and H. M. GREEN of the class of 1865.

The Thomas Hale Scholarship Fund, established by Mrs. ALICE T. MARCH of Newburyport.

The Mary W. Hyde Scholarship Fund, by bequest of MARY W. HYDE of Boston.

The Sarah B. Hyde Scholarship Fund, by bequest of SARAH B. HYDE of Boston.

The W. S. Tyler of the Class-of-1830 Fund, by bequest of the late Professor WILLIAM SEYMOUR TYLER.

The Scholarship Funds, established by and bearing the name of—

The Class of 1831,	The Class of 1852,	The Class of 1858,
The Class of 1839,	The Class of 1855,	The Class of 1861,
The Class of 1845,	The Class of 1856,	The Class of 1865,
The Class of 1849,	The Class of 1857,	The Class of 1869.

The Composite Scholarship Fund, established by the following classes :—

The Class of 1829,	The Class of 1838,	The Class of 1867,
The Class of 1835,	The Class of 1866,	The Class of 1870.

Scholarship-funds yielding the following amounts annually :—

The Moore Scholarships, three of $140 each, founded by the Rev. Dr. MOORE, the first president of the College.

The State Scholarships, three of $110 each, covering full tuition.

The Adams Scholarships, three of $40 each, by a bequest of ASAHEL ADAMS of North Brookfield.

Also the following scholarships maintained by annual gifts :—

The Sayles Scholarship, of $100, by FRED THOMAS SAYLES of the class of 1881.

The A. Lyman Williston Scholarship, of $75, by A. LYMAN WILLISTON of Northampton.

Student Loan Fund

THROUGH the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one, two, or three years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship, not preparing for the ministry, and whose habits of expenditure are economical.

The College Library

THE College library contains seventy-two thousand volumes, selected mainly with reference to purposes of study and thoughtful reading. The object kept constantly in view is to broaden the scope of the work of both teachers and students; and the library is therefore well furnished with books of a general and illustrative character, so that any subject may readily be pursued beyond the limits of text-book or monographic treatment.

The funds available for the increase of the library, and restricted to that use, yield an annual income of over three thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, and is supplied with the best foreign and American periodicals. Open shelves contain the encyclopædias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by the teachers in the different departments.

Members of the College are allowed free access, under a few necessary limitations, to the bookshelves in the main library-room. In each section of the room chairs and tables near the shelves furnish facilities for using the books, and the librarian and assistants are ready to give each applicant all needed help in reading and research. By this means students gradually become familiar with the use of a library, and acquire something of the bibliographic sense indispensable to the genuine scholar. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the College library is open from 8.45 A.M. to 5 P.M., and the reading-room from 8.45 A.M. to 9.30 P.M., every day, with the exception of Sundays and holidays. During the vacations the library and its reading-room are opened regularly once a week, at an hour convenient to the librarians.

By vote of the trustees, the library building bears the name of THE HENRY T. MORGAN LIBRARY, in recognition of the munificent bequests of the late HENRY T. MORGAN of New York.

A number of slabs, sculptured in the earliest style of the Assyrian art, about 900 B.C., and obtained by the late Dr. HENRY LOBDELL from the palace-walls of Sardanapalus at Nimroud, are in the porch of the library.

The Mather Collection of Art

The College is furnished with a large collection of casts of statuary, illustrating the leading periods of historical sculpture. It comprises over fifty statues and groups from the antique, as well as illustrations of the works of Michel Angelo, Canova, and Thorwaldsen, all of the size of the originals. It was gathered chiefly through the agency of the late Professor RICHARD H. MATHER, D.D., and it has been named by the Trustees in his honor.

The collection has also nearly as many statuettes and busts illustrating the same subjects, besides copies of the most important antique bas-reliefs, including the Panathenaic frieze from the Parthenon, which encircles the hall containing the casts.

In addition to the above, there are full-sized casts of the Ghiberti gates at Florence, and of Crawford's doors of the Capitol at Washington.

The Collection occupies the third floor of WILLISTON HALL, and is open every week-day from the middle of May to December 1, from 9 o'clock A.M. to 5 o'clock P.M. During the winter months visitors are admitted by applying to the custodian.

Laboratories and Apparatus

NEW laboratories for chemistry and physics have been erected upon the land added to the College campus by gift of Mr. D. WILLIS JAMES.

The chemical laboratory has ample accommodations for all needs of the department. It contains on the first floor a Senior laboratory and balance room for quantitative analysis; also another laboratory, arranged with sixty desks, fitted for the qualitative work of Junior year. Adjacent are the supply rooms. Upon the second floor is a lecture room with accommodation for the largest classes, and adjoining is a commodious room for all preparations and apparatus for lecture experiments. Upon the same floor is a working laboratory for students in general chemistry, where sixty can easily be accommodated at one time. Also on this floor is a laboratory arranged for organic and sanitary work, with a combustion room contiguous. Upon each floor is a convenient recitation room for drill work. A library room is in proximity to the work of the more advanced students. In the well lighted basement are storerooms for glassware, chemicals and acids, an assay room, a gas analysis room, and a workshop.

On the main floor of the physical laboratory is a large lecture room, provided with a variety of arrangements to aid in demonstrations. Immediately adjoining the lecture room is an apparatus room with a valuable and complete collection for lecture illustration. There are also on this floor a library and reading room, a recitation

room, and a room for experimental work in electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a spectroscope room equipped with a powerful concave-grating spectroscope. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a well equipped workshop and dynamo room, with steam and water power. Throughout the building slate shelves and brackets are built into the walls to secure steadiness, and in the basement are substantial piers. The collection of apparatus includes many instruments of precision suitable for investigation as well as instruction.

The biological laboratory is connected with the Appleton Cabinet. On the first floor is the large recitation room, containing the study collections of animals and a full local herbarium. The collection is illustrated by a set of Leuckart's wall-charts. Adjoining the recitation room is the reading room, or department library. This library, the gift of former students in the department, contains at present about two hundred and fifty volumes, and includes two or more copies of the larger and more expensive text-books and books of reference. The student is thus enabled to study the specimen with the best charts and books of reference immediately within his reach. On the south side of the second floor is the large laboratory for beginners where forty men can find place and light to work at the same time. With few exceptions, however, each division is limited to twelve students. On the north side is the laboratory for advanced work, with accommodations for about twenty students. Both laboratories are abundantly supplied with microscopes, microtomes, and all needed instruments.

The Observatory

Amherst College Observatory contains a seven-and-one-quarter-inch telescope by Alvan Clark, an alt-azimuth, two transits with the usual accessories for meridian observations, surveying and engineering instruments, a twelve-inch reflector, and much other apparatus, chiefly of use on eclipse expeditions. The Observatory and its equipment are maintained both for educational purposes and for original research. Connected with the Observatory is the division of practical meteorology, in which observations of the chief meteorological elements are systematically conducted in continuance of the work begun in 1835 by the late Professor Snell, and maintained without interruption to the present time. A bequest of the late Charles T. Wilder of Wellesley Hills has enabled the Trustees to purchase an excellent site near the College, upon which it is hoped that a new Observatory with a thoroughly modern equipment may soon be erected.

The Natural History Collections

The WOODS CABINET is named in honor of its principal donor, the late Hon. JOSIAH B. WOODS of Enfield. It contains all the geological collections of the College, consisting of the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard meteorite collection; comprising in all about 25,000 specimens.

In the APPLETON CABINET, named in honor of the late Hon. SAMUEL APPLETON of Boston, are the Hitchcock ichnological collection, the Gilbert museum of Indian relics, and the Adams zoölogical collection.

In the ichnological collection, named after President HITCHCOCK, are to be found about 1,400 specimens, containing at least 20,000 tracks of animals in stone, together with plaster and clay casts of tracks of living and extinct species of animals. The museum of Indian relics receives its name from the Hon. GEORGE GILBERT of Ware, by whose liberality it was mainly established. It comprises about 3,500 specimens of the stone implements of extinct Indian tribes, principally those who lived in the Connecticut valley. The zoölogical collection was originally gathered and arranged by Professor CHARLES B. ADAMS. It comprises prepared specimens of animals and their habitations, and dried plants, representing all the great groups of the animal and vegetable kingdoms. In the department of shells it is particularly extensive and valuable. A collection in comparative osteology, and the elastic models of AUZOUX are incorporated with the zoölogical collection. The collections arranged in these several cabinets contain more than 100,000 specimens of the animal, mineral, and vegetable kingdoms.

By the gift of the Hon. ELBERT E. FARMAN, LL.D., of Warsaw, N. Y., the College possesses AUDUBON'S celebrated collection of birds, amounting in all to about six hundred specimens. Many of these are the typical specimens by which the species were determined, and about one hundred have been mounted for exhibition in the APPLETON CABINET. Also, there have been added to this collection by the same donor several of the rarer California birds which have been discovered since the death of AUDUBON.

The cabinets are open to the public every week-day from three to four o'clock P.M.

The Pratt Gymnasium

The new building bears the name of the PRATT GYMNASIUM, in honor of CHARLES M. PRATT of Brooklyn, N. Y., of the class of 1879. The main hall affords ample space for a class to receive drill-practice with light apparatus, and to execute certain marching movements. The equipment of specialized apparatus is complete, and enables a large number of students to take individual and voluntary exercise simultaneously. The facilities of the dressing-room and the bathing-rooms are abundant.

On the main floor are the rooms of the Professor of Hygiene, and apartments for the examination and measurement of the students, well equipped with the anthropometric apparatus necessary for this purpose. The two physicians of the College are in daily attendance, to give their personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a billiard room, open during a portion of each week-day. In the basement are the bowling-alleys, a sparring-room, an area for the use of the Indian clubs, and ample space for practice at the game of base-ball. During term-time the gymnasium is open every week-day from 8.15 o'clock A.M. to 6 o'clock P.M.

The Pratt Field and Recreation Grounds

THE PRATT FIELD, an area of about thirteen acres, less than a third of a mile from the College Chapel, and superbly located on the eastern slope of the Connecticut valley, is a gift to the College from FREDERICK B. PRATT of Brooklyn, N. Y., a graduate of the class of 1887. Immediately connected with this field is HALLOCK PARK, an original forest of six acres. These grounds are not intended merely for those who compete in the games, but are arranged for the outdoor recreation of all the students of the College. The control of the field and of the financial matters of the athletic associations is vested in "The Amherst College Athletic Board," in which are representatives of the Faculty, the Alumni, and the Undergraduates.

The field for athletics has been graded to an exact level. It is provided with cinder-tracks and courses for the field-contests of modern athletics; and ample provision is made for the base-ball diamond and the foot-ball grounds. The grand stand seats about four hundred, and furnishes standing room for as many more. Provision is made for the needs of those who use the grounds, in reception-rooms, bath-rooms, store-rooms, etc. To give to the College a beautiful and commodious field, for rendering thoroughly enjoyable the out-of-door exercise which Amherst encourages in physical training, has been the aim of the donor.

The Pratt Health Cottage

Three-fourths of a mile from the College grounds, in a retired location both elevated and healthful, was erected during the year 1896-97 a building known as the Pratt Health Cottage, the joint gift of GEORGE D. PRATT of the class of 1893, HERBERT L. PRATT of the class of 1895, and JOHN T. PRATT of the class of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physicians will have general charge of all cases in the infirmary, except that any student will be at liberty to employ a physician of his own choice and school of medicine, so far as is allowed by the laws of this state. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. A matron in attendance upon the Cottage will be ready at all hours during term-time to receive sick or disabled students, and provide for their urgent necessities, pending any arrangement for special treatment. The cost to each sick man will be only a charge sufficient to defray such expense as may be incurred by his being an inmate of the Cottage. Provision is made for the expenses of a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. E. K. ALDEN, D.D., of the class of 1844, one in memory of President WILLIAM S. CLARK, LL.D., of the class of 1848, and one in memory of Rev. THOMAS P. FIELD, D.D , of the class of 1834. This Cottage is also designed to serve at times as a restful home for members of the faculty and for students, where they may for a period find quiet and retirement.

Alumni Associations

The General Association

(Annual Meeting on Commencement Day.)

President: Rev. William J. Holland, D.D., Pittsburg, Pa.

Vice-Presidents:

Rt. Rev. Frederic D. Huntington, D.D., Syracuse, N. Y.
William J. Rolfe, Lit.D., Cambridge, Mass.
Professor John M. Tyler, Amherst, Mass.
Rev. Nehemiah Boynton, Detroit, Mich.
Rev. Frank J. Goodwin, Pawtucket, R. I.
Professor Frederic J. E. Woodbridge, Minneapolis, Minn.

Secretary and Treasurer:

Professor David P. Todd, Amherst, Mass.

The Association of Boston and Vicinity

President: Charles P. Searle, Esq.
Secretary: Mr. Oliver B. Merrill, 14 Beacon St.

The Amherst Association of New York

President: Mr. William F. Merrill.
Secretary: Curtis R. Hatheway, Esq., 120 Broadway.

The Association of Lowell

President: Rev. John M. Greene, D.D.
Secretary: Mr. Charles W. Morey, 14 Belmont St.

The Association of Central Massachusetts

President: Charles A. Peabody, M.D.
Secretary: Mr. Henry E. Whitcomb, Station A, Worcester.

The Association of Ohio

President: Rev. Francis E. Marsten.
Secretary: Tod B. Galloway, Esq., 553 E. Town St., Columbus.

The Amherst Club of Chicago

President: Edwin F. Bayley, Esq.
Secretary: Mr. Stuart W. French, 158 La Salle St., Chicago.

The Association of Baltimore

President:
Secretary: Professor Herbert B. Adams, LL.D., Johns Hopkins University.

The Northwest Association

President: Emerson W. Peet, Esq.
Secretary: Wallace H. Davis, Esq., 200 Oneida Blk., Minneapolis, Minn.

Young Alumni Association of Boston and Vicinity

President: William H. Lewis, Esq.
Secretary: Mr. Robert B. Metcalf, 93 Summer St., Boston.

The Connecticut Valley Association

President: Dr. Edward Hitchcock.
Secretary: Rev. Allan Eastman Cross, 71 Westminster St., Springfield.

The Association of Kansas City

President: Mr. Edwin Fowler.
Secretary: Mr. Wilson H. Perine, 413 Exchange Building.

The Association of Philadelphia and Vicinity

President: Mr. Talcott Williams.
Secretary: R. Stuart Smith, Esq., 4514 Chester Ave.

The Association of Western Pennsylvania

President: John A. Emery, Esq.
Secretary: William D. Evans, Esq., Times Building, Pittsburg.

The Rocky Mountain Association

President: President W. F. Slocum, LL.D.
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The Association of St. Louis

President: William B. Homer, Esq.
Secretary: Percy H. Boynton, 613 North Garrison Ave.

The Association of Central New York

President: Giles H. Stilwell, Esq.
Secretary: Rev. John P. Stone, Cortland, N. Y.

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